

JAMES LEE PRICE.

Portland Hardware & Supply Co., Inc.
515 S.W. PINE ST.
PORTLAND, OREGON

ONE HUNDREDTH

1839-1939
RUSSELL & ERWIN
DISTINCTIVE
HARDWARE

ANNIVERSARY

NEW YORK CITY
285 MADISON AVENUE

CHICAGO
435 NORTH MICHIGAN AVE

RUSSELL & ERWIN MANUFACTURING Co.

THE AMERICAN HARDWARE CORPORATION SUCCESSOR

HARDWARE

IN REPLY REFER TO W.C. Habbersett NEW BRITAIN, CONN., U.S.A. October 17, 1939

Builders Hdwe. & Sup. Co.
515 S. W. Pine Street
Portland, Oregon

Dear Sir :

RE: GIFT BOX DOOR KNOCKERS

We are this year again offering Gift Box Door Knockers for your Christmas trade.

The 1939 Gift Box is new, different and we believe more attractive than last year's box. We are enclosing sample of the Gift box top as well as a photograph showing all Knockers available in this packing. This packing will be available on all orders received for shipment after November 1st.

We are also enclosing a photograph of a new Klocker 046 which has been added to the line, with the thought of giving you a distinctive design Klocker, yet priced so that it can be used as a leader to offer to your trade.

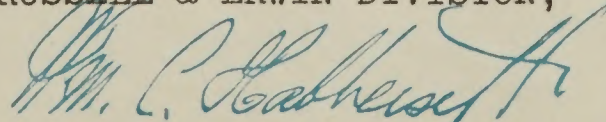
This new Klocker lists at \$1.70 each, and nets you \$1.02. We believe you will agree this is a lot of knocker for the money, and should help to increase your Klocker sales.

We thought it wise to pass along this advance information so that you could give the matter consideration, and when our representative calls, in the near future, to further discuss this sales stimulant you will have had an opportunity to check your stock, and know which Knockers you wish to order for your Christmas trade.

We believe you will agree that a Klocker packed in one of these distinctive gift boxes would be a welcomed gift by anyone.

Yours very truly,

RUSSELL & ERWIN DIVISION,



Sales Manager.

WCH:SW
Enc.

Russell & Kwin Manufacturing Co.

MEMPHIS

W.C. Habbert
New Haven, Conn. U.S.A. October 17, 1939

Belmont, N.Y.
Mr. J. Edgar Hoover
Washington, D.C.

Dear Sir:

RE: GIFT BOX DOOR KNOCKERS

We are this year again offering Gift Box Door Knockers for your Christmas trade.

The 1939 Gift Box is new, different and we believe more attractive than last year's box. We are producing couple of the Gift box as well as a photograph showing all the items available in this packing. This packing will be available on all of these received for shipment either November 1st.

We are also enclosing a photograph of a new Knocker GAC which has been added to the line, with the thought of giving you a distinctive design Knocker, yet packed so that it can be used as a leader to other to your trade.

This new Knocker lists at \$1.75 each, and sells for \$1.50. We believe you will agree this is a lot of knocker for the money, and about the best is known your Knocker sales.

We thought it wise to pass along this advance information so that you could give the latest merchandise, and then our representative calls, in the near future, we further discuss this sales estimate you will have had an opportunity to check your stock, and have which Knockers you wish to order for your Christmas trade.

We believe you will agree that a Knocker packed in one of these distinctive Gift boxes could be a valuable gift by anyone.

Yours very truly,

Russell & Kwin Division

Sales Manager

WCH:BW
Enc.

NEW YORK
CHICAGO

Since 1839
RUSWIN
DISTINCTIVE
HARDWARE

LONDON,
ENGLAND

RUSSELL & ERWIN MANUFACTURING CO.

THE AMERICAN HARDWARE CORPORATION SUCCESSOR

HARDWARE

IN REPLY REFER TO **P. F. Kaelin** NEW BRITAIN, CONN., U.S.A. December 30, 1938

Builders Hdwe. & Sup. Co., Inc.
515 S. W. Pine Street
Portland, Oregon

Gentlemen:

With reference to your letter of December 21 regarding page 357 of our catalog, you are quite correct that the 0375-3/4 which is replacing the 0370-3/4 can be keyed in with the 444-3/4 Lock. In other words, the 444-3/4 is made in two classes, 877 and 563, as well as the 044-3/4 Panic Bolt Lock. This allows the possibility of establishing a master key system in the 877 key class as well as the 563 key class.

If there is any additional information, you require, kindly advise.

Yours very truly,

RUSSELL & ERWIN DIVISION

PFK*RC

Paul F. Kaelin
Contract Sales Dept.

RUSSELL & EMMETT MANUFACTURING CO.

CHICAGO, ILL.

NEW YORK, N.Y., December 30, 1938

Mr. J. E. Sullivan
515 E. 4th Street
Portland, Oregon

Dear Sir:

With reference to your letter of December 21 regarding page 357 of our catalog, you are quite correct that the 357-A which is replacing the 357-3/4 and is keyed in with the 357-3/4 lock. In other words, the 357-A is made in two classes, 357 and 357, as well as the 357-3/4. This allows the possibility of installing a master key system in the 357 key class as well as the 357 key class.

If there is any additional information, you require, kindly advise.

Yours very truly,

RUSSELL & EMMETT

Robert E. Russell
President

W. E. H.

« « « CATALOGUE OF » » »
HARDWARE

VOLUME
SIXTEEN

Builder's Hardware & Supply Co., Inc.
515 S.W. PINE ST.
PORTLAND, OREGON

MANUFACTURED BY

RUSSELL & ERWIN MFG. CO.

The AMERICAN HARDWARE CORPORATION, Successor

•
No. 285 MADISON AVENUE · Murray Hill Building · NEW YORK
No. 435 NORTH MICHIGAN AVE · The Tribune Tower · CHICAGO
BROOKS WHARF · UPPER THAMES STREET · LONDON · E. C.

•
GENERAL OFFICES AND FACTORIES

NEW BRITAIN, CONNECTICUT, U. S. A.

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ANNOUNCEMENTS

This catalogue illustrates and describes our entire line of locks and hardware for buildings, which our records and experience have shown to be popular and essential. It includes new goods and improvements added since our last catalogue was compiled.

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TERMS • • • Terms net cash, payable in New York current funds within thirty days from date of invoice. Two per cent may be deducted on payments made within ten days from date of invoice, excepting that a two per cent reduction for cash on special contracts will only be allowed when either all or a portion of the contract shall have been paid for by the tenth of the month following each month's deliveries of goods.

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ORDERS • • • We reserve the right to decline the whole or part of orders in which the price or quantity of goods is not satisfactory to us. Orders will be filled to the extent of our stock on hand, and any balance forwarded as soon as possible.

Due to the expense of handling small items no invoice will be rendered for less than twenty-five cents.

SHIPMENTS • • • Shipments are F. O. B. factory. No freight allowance. All goods are at the risk of the purchaser after delivery to the transportation companies. Deliveries are contingent upon transportation and manufacturing conditions beyond our control.

PACKING • • • All goods are packed in quantities which our experience has shown to be the most convenient and suitable. An additional charge will be made for goods ordered to be specially packed or labeled.

The **WEIGHTS** given in this book are supplied as a guide in estimating transportation and tariff charges. They include the weight of cartons and any wrapping material used therein but do not include the weight of wooden cases or of packing material. They are subject to the ordinary variations of manufacture and to changes that may be made in methods of manufacture.

A N N O U N C E M E N T S

SIZES • • • The sizes given are subject to the ordinary variations caused by grinding and finishing. When so ordered, goods are made "to template," for use on hollow metal doors and other places where accurate measurements are required for mortising and reinforcement, and blue print templates are furnished showing the exact dimensions of the articles to be supplied.

CANCELLATIONS • • • BONA FIDE ORDERS FOR STOCK GOODS ACCEPTED BY US FOR IMMEDIATE OR DEFERRED SHIPMENT ARE NOT SUBJECT TO CANCELLATION. • CANCELLATIONS WILL NOT BE ACCEPTED ON GOODS ORDERED THAT ARE NOT REGULAR STOCK, WHICH ARE IN THE PROCESS OF MANUFACTURE, OR READY FOR SHIPMENT.

RETURNED GOODS • • • We make our goods carefully, inspect them rigidly, and check and re-check them against copies of orders written with infinite care to have every detail correct. Having shipped the goods to correspond with the order, they are then the property of the purchaser.

Any defects or errors for which we are responsible will be cheerfully remedied upon our attention being called to them promptly after receipt of goods. RETURNED GOODS OF ANY DESCRIPTION WILL NOT BE ACCEPTED UNLESS AUTHORIZED BY US.

Our experience has shown us that any returned stock goods need reinspection, repapering and packing, which necessitates the checking and handling of all such merchandise on a cost ticket basis, incurring considerable expense, which, when deducted from the value of the goods as billed, result in allowances which seem unsatisfactory to our customers.

CONTRACT GOODS • • • We cannot accept for credit at any time goods left over on contracts. Fire Exit Bolts and Kick Plates come under this heading and are always made to the detail of a job, and when correctly made, according to measurements given us, are not returnable. • ANY GOODS RETURNED CONTRARY TO ABOVE, AND WITHOUT OUR PERMISSION, WILL BE HELD SUBJECT TO THE ORDER OF THE SHIPPER.

RUSSELL & ERWIN MFG. CO.

The American Hardware Corporation, Successor

TRADE-MARKS AND TRADE-NAMES



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DOING double duty as a trade-name
as well as a trade-mark. • • • It is the distinctive mark of quality in
builders' hardware. • • • Infringement of either trade-mark or un-
lawful use of the trade-name RUSWIN will be vigorously prosecuted.

RUSSELL & ERWIN MANUFACTURING COMPANY

THE AMERICAN HARDWARE CORP., SUCCESSORS



RUSWIN
DISTINCTIVE
HARDWARE
PRESENT
TRADE-MARK

WHAT THE RUSSWIN TRADE-MARK MEANS TO BUILDERS' HARDWARE

IT has often been said that nothing is good or evil in itself. That the "RUSSWIN" Trade-Mark possesses no inherently valuable quality can readily be seen.

But, through association with a product placed on the market to be a standard of quality, and through its backing by this factory which for over ninety years (since 1839) has purposed to raise that standard, it has acquired a definite place in the Builders' Hardware world.

When you purchase a RUSSWIN product you are not merely purchasing Builders' Hardware. What is purchased and sold is the human service of designing and manufacturing.

That is what the RUSSWIN Trade-Mark is—a symbol of human service, wrought into the quality of a product.

RUSSELL & ERWIN MFG. CO.

The American Hardware Corporation Successor

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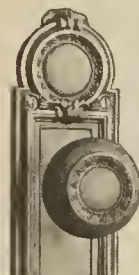
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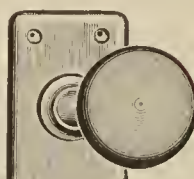
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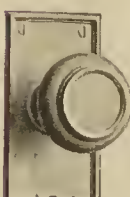
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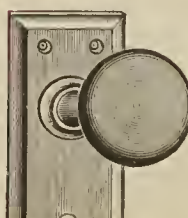
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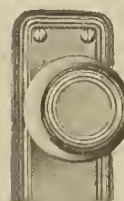
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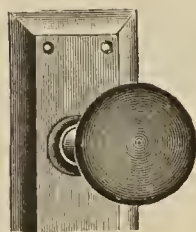
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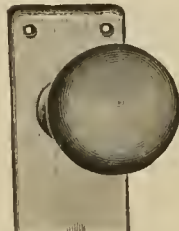
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3569	Plate	133	6007	Lock	274	7039 $\frac{1}{2}$	Spindle	233	7139	Lock	279
3570	Pull	133	6007 $\frac{1}{2}$	Lock	274	7040	Bolt	375	T7139	Hook	503
3571	Pull	133	6025	Lock	310	7041	Bolt	374	T7140	Fastener	479
3572	Pull	122, 133	6028	Lock	310	T7041 $\frac{1}{2}$	Center	459	T7142	Fastener	478
3574	Adjuster	132	6034	Lock Set	181	T7041 $\frac{3}{4}$	Center	459	7144	Catch	448
3575	Fastener	132	6039	Lock	291	7042	Bolt	375	T7144	Lift	516
3576	Fastener	132	6039 $\frac{1}{2}$	Lock	291	T7042	Center	459	T7146	Fastener	479
3577	Latch	132	6087	Bolt, Exit	429		Bolt	375	T7147 $\frac{1}{2}$	Hook	503
3578	Latch	132	6087B	Bolt, Exit	429	7042 $\frac{1}{4}$	Rose	228	T7148	Hook	503
3579	Latch	132	6098	Lock	281	7043	Bolt	374	T7150	Fastener	482
3580	Latch	132	6225	Lock	260	T7043	Bolt	374	T7153	Fastener	480
3582	Bolt	136	6225 $\frac{1}{2}$	Lock	260		Lever	214	T7154	Fastener	480
3583	Bolt	136	6233EM	Lock	285	T7044	Adjuster	360		Lift	516
3584	Bolt	136	6233AEM	Lock	285	7045	Spindle	233	T7155	Lift	516
3585	Foot Scraper	136	6233REM	Lock	286	T7047	Lift	513		Clip	504
3587	Shutter Dogs	136	6233 $\frac{1}{2}$ REM	Lock	286	7047 $\frac{1}{2}$	Latch	279	7156	Lift	516
3588	Shutter Dogs	136	6234	Lock Set	181	7049	Spindle	233	7158	Hinge	447A
3589	Shutter Dogs	136	6234 $\frac{1}{2}$ EM	Lock	283	7050G	T. Chain	456	7159	Hinge	447A
3600	Lock	326	6238	Lock	267	T7050	T. Chain	456	7160	Hinge	447A
3610	Lock	326	6238 $\frac{1}{2}$	Lock	267	7052	T. Chain	456	T7160	Bar	366
3734W	Lock Set	181	6239 $\frac{1}{2}$	Lock	268	T7053	T. Chain	456		Hook	503

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	Pull	534		Fastener	482	7760½	Catch	454	21375	Knob	220
7162	Hinge	447A	7445	Catch	448	T7760½	Catch	454	21378	Knob	219
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7164	Hinge	447A	T7452¼	Center	457	8004	Pin	519	21458	Knob	221
7165	Hinge	447A	7481PW	Lock Set	210	8004½	Pin	519	21482	Knob	221
T7167	Fastener	479	07500	Bolt	483	8031	Socket	539	21486	Knob	221
7170	Escutcheon	235	7501	Stay & Holder	493	8122	Bracket	435	21496	Knob	221
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7211	Bolt	373	7560	Catch	451	9132	Lock	281	338-75	Lock Set	183
T7213	Stop	541	7564	Catch	450	T9139	Hook	503	340-75	Lock Set	183
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7240	Spindle	234	7602	Fixture	484	T9452¼	Center	457	37012	Rose	227
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7370½	Pulley	535	7738	Bolt	386	11250½	Lock	269	70501	Stay & Hold.	493
7371½	Pulley	535	07739	Bolt	386	11258½M	Lock	265	T70501	Stay & Hold.	493
7372½	Pulley	535	T07739	Bolt	386	11456	Lock	266	70502	Stay & Hold.	493
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7376	Knob	220	7745½	Catch	454	11458½MP	Lock	264	70503	Stay & Hold.	493
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7402	Stay & Holder	493	T7747½	Catch	454						

A Few of the Prominent Office Buildings Equipped with
Russwin Hardware



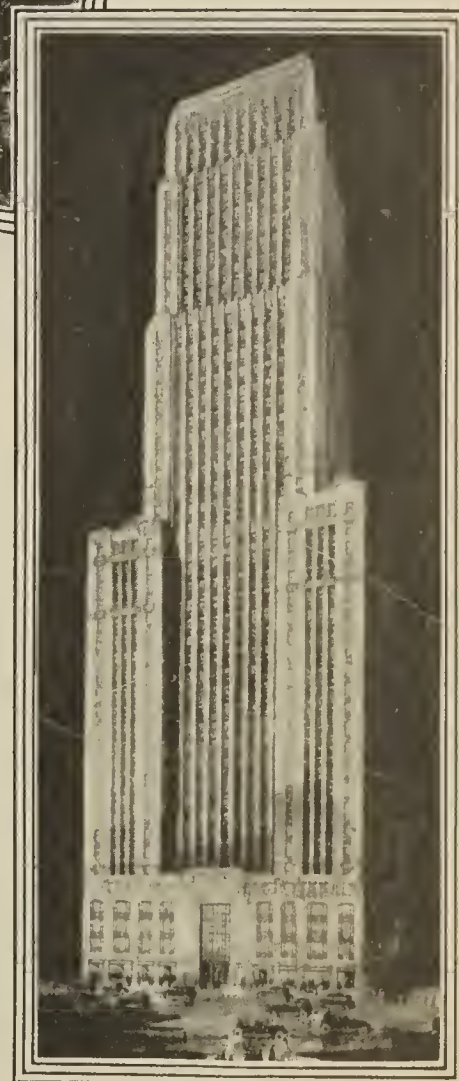
National Newark
and
Essex Banking Co.
Newark, N. J.



Richfield Oil Co. Building
Los Angeles, Calif.



Congress Building
Miami, Fla.



One La Salle Street Building
Chicago, Ill.

A Few of the Prominent Churches Equipped with Russwin Hardware



St. Thomas Seminary
Bloomfield, Conn.



First Presbyterian Church
Glens Falls, N. Y.



Emanuel Synagogue
Hartford, Conn.



Second Church
of Christ, Scientist
Hartford, Conn.



First Congregational Church
Benton Harbor, Mich.

A Few of the Prominent Fraternal Buildings Equipped with
Russwin Hardware



Masonic Temple
New Britain, Conn.



Los Angeles Elks Lodge No. 99
Los Angeles, Calif.



Young Women's
Christian Association
Milwaukee, Wis.



Young Men's Christian Association
Muskegon, Mich.

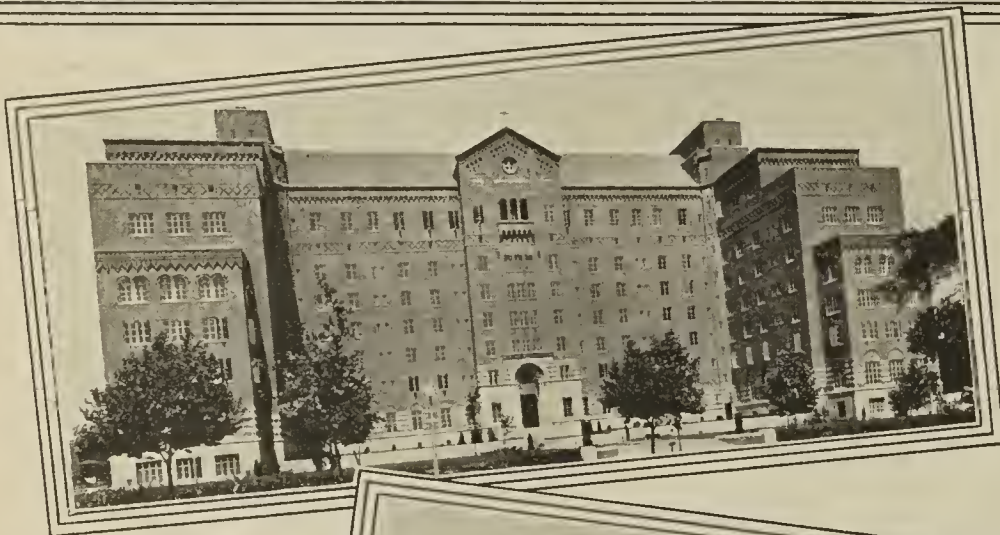


Knights of Columbus Building
Rochester, N. Y.

A Few of the Prominent Hospitals Equipped with Russwin Hardware



Columbus
Hospital
Great Falls,
Mont.



De Paul Hospital
St. Louis, Mo.

Children's Hospital
Chattanooga, Tenn.



Lawrence and Memorial Associated Hospitals
New London, Conn.

A Few of the Prominent Hotels Equipped with
Russwin Hardware



The New Yorker Hotel
New York City



Hotel Waldorf Astoria
New York City



Hotel Manger
Boston, Mass.



London Terrace Apartments
New York City

A Few of the Prominent Residences Equipped with
Russwin Hardware



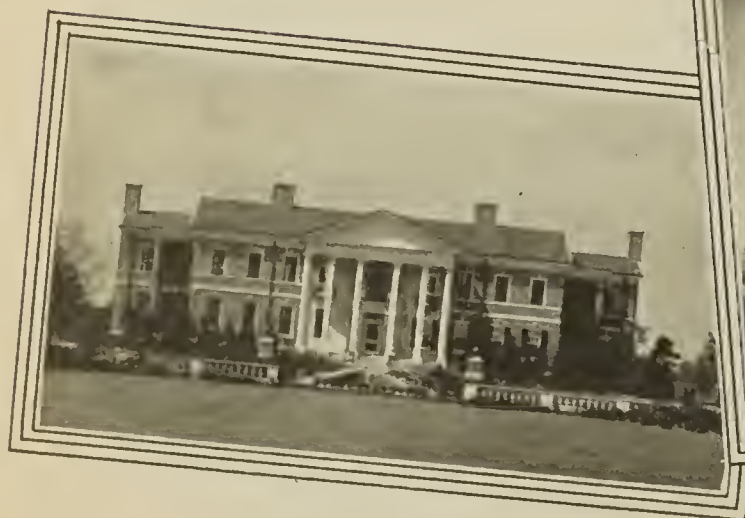
James Gilmore, Residence—Willow Point, Mystic, Conn.



Chas. P. Manship, Residence
Baton Rouge, La.



The Record News Home Beautiful
Wichita Falls, Texas



J. H. Phelan, Residence
Beaumont, Texas



Jas. A. Allison, Residence
Miami, Fla.

A Few of the Prominent Schools Equipped with
Russwin Hardware



North Side High School
Corning, N. Y.

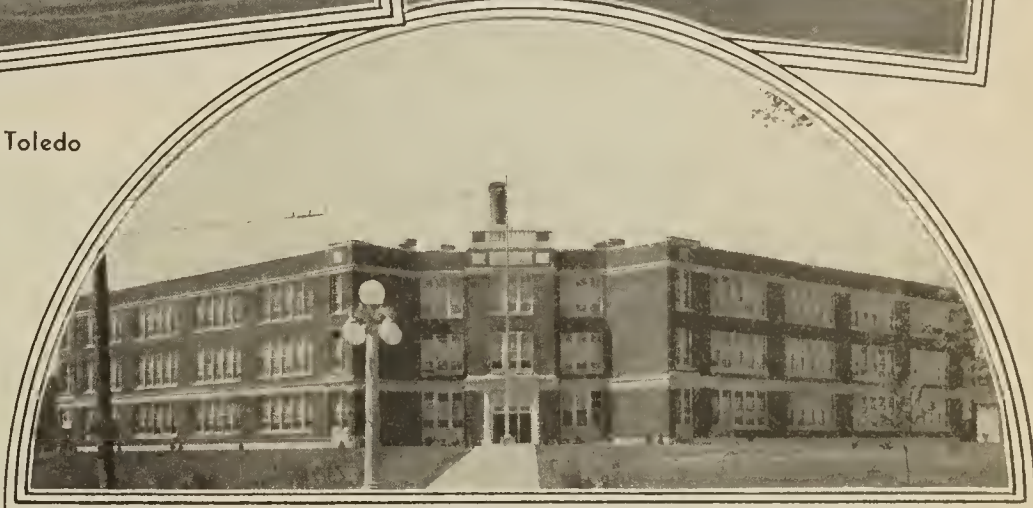
Senior High School
Pawtucket, R. I.



New University of the City of Toledo
Toledo, Ohio



Webster High School
Webster, N. Y.



Olney Senior High School
Philadelphia, Penn.



Mounts for Samples

Boards and Blocks for displaying Samples of RUSSWIN products are furnished regularly in Walnut finish. This finish is recommended as the most durable for display purposes.

On special orders we can furnish Light and Dark Oak, Natural (Oil Finish), Mahogany and White Enamel.



No. 90E—5 x 18 Inches
No. 120E—5 x 24 Inches

Without Easels

No. 90N—5 x 18 Inches
No. 120N—5 x 24 Inches



No. 33E—3 ½ x 9 Inches

Without Easels

No. 33N—3 ½ x 9 ½ Inches



No. 72E—4 ½ x 16 Inches
No. 58E—4 ½ x 13 Inches

Without Easels

No. 72N—4 ½ x 16 Inches
No. 58N—4 ½ x 13 Inches



Portable Sample Case
Without Samples

Interior 20 ½ x 16 ½ x 3 ¾ Inches

The illustration shows a typical assortment
for residences and apartment houses



No. 60D

Fire Exit Bolt No. 60 x 66 Double Door

No. 60S

Fire Exit Bolt No. 60 Single Door

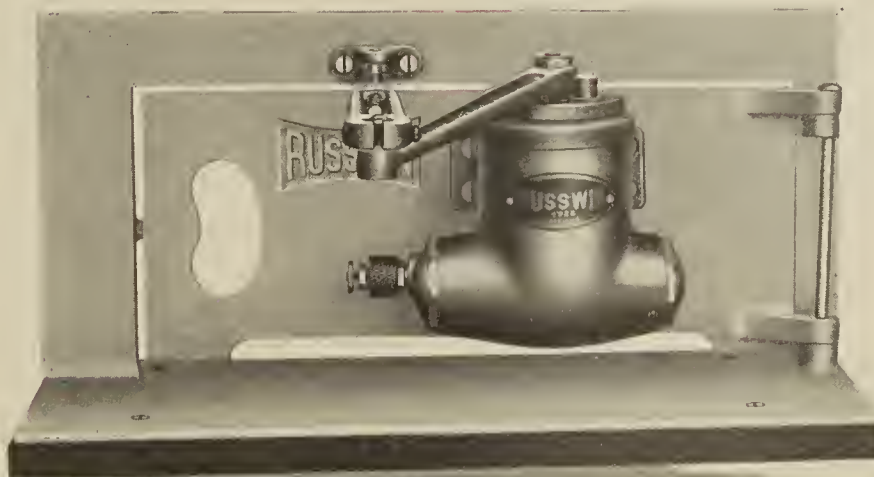
Mounts for Samples



No. 56B—7 x 8 x 1 1/4 Inches—Rim Locks
No. 35B—5 x 7 x 1 3/4 Inches—300 Garage Lock
No. 40B—8 x 5 x 1 1/8 Inches—4800 Rim Lock



No. 44B—8 x 5 1/2 x 2 Inches—Unit Locks
No. 28B—8 x 3 1/2 x 1 1/8 Inches—Screen Door Catches
No. 055B—5 x 11 x 1 3/4 Inches—Inside Lock Sets
No. 71B—5 1/2 x 13 x 1 3/4 Inches—Bit Key F. D. Sets
No. 88B—5 1/2 x 16 x 1 3/4 Inches—Cylinder Sets and Long Escutcheon
No. 99B—5 1/2 x 18 x 2 Inches—Entrance Handles
No. 115B—5 1/2 x 21 x 2 Inches—Entrance Handles
No. 132B—5 1/2 x 24 x 2 Inches—Entrance Handles



No. 7
Door Closer—A

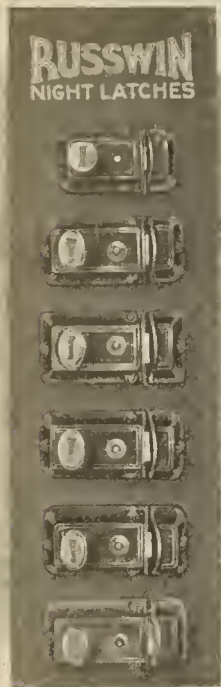


No. 12A
Everlock Casement Adjuster

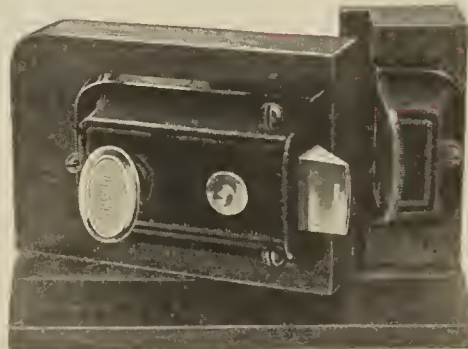


No. 6
Garage Lock No. 200

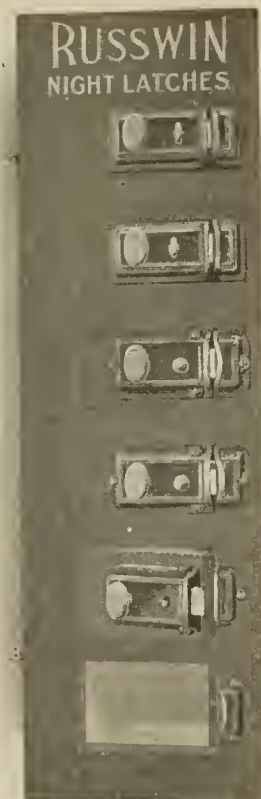
Night Latch Display Boards



No. 9



No. 29



No. 19

Boards and Block

No. 9

Mahogany finish, size 24 x 8 in. Displays six latches. With hooks and eyes for attaching to wall or shelving.

No. 19

Mahogany finish, size 28 x 8³/₄ in. Displays six latches, each latch mounted on a separate block which can be removed from the board, as shown in the illustration. With hooks and eyes for attaching to wall or shelving.

No. 29

Mahogany finish, size 4¹/₄ x 6¹/₂ x 3 in. Displays one latch.

Standard Assortments

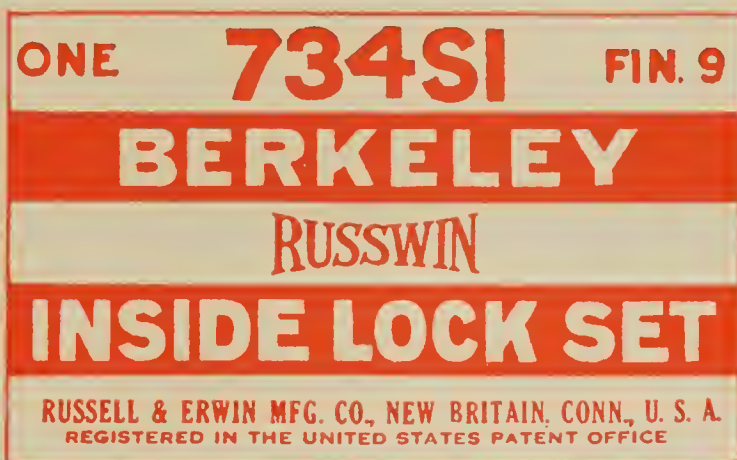
Number	
9A	One latch each on Board No. 9 690C, 290, 1290, 100, 101, 1654
19A	One latch each on Board No. 19 690C, 290, 1290, 100, 101, 1654
29A	1290 on Block No. 29

Latches illustrated on pages 238 to 333.

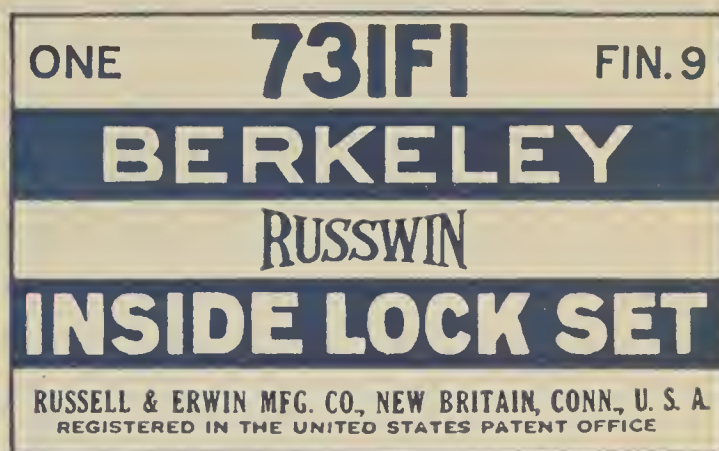
Variations in these assortments may be had when specified.

Ruswin Labels

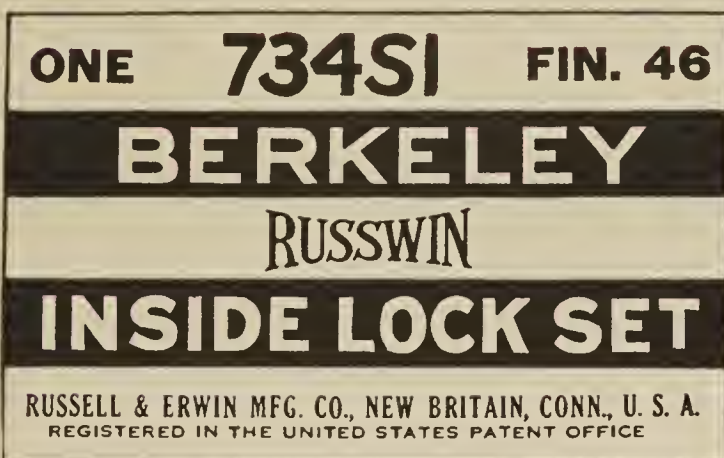
(Copyrighted)



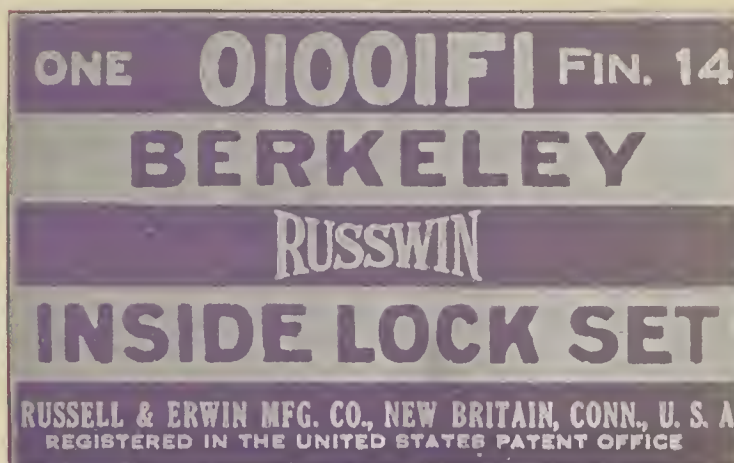
Red labels indicate Brass or Bronze Metal, all Finishes except 14, 14C and 47



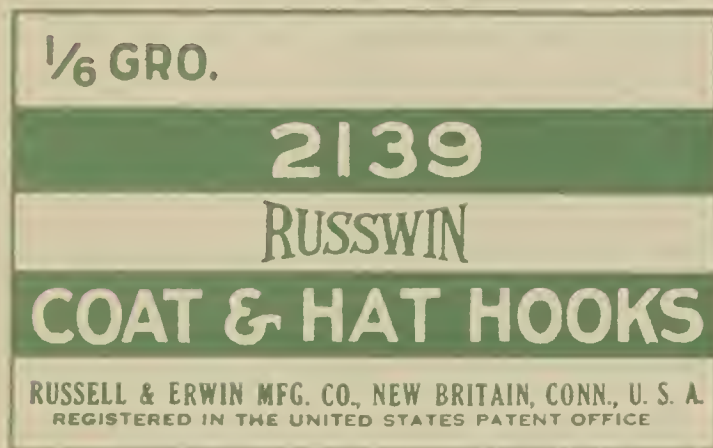
Blue labels indicate Wrought Steel or Cast Iron, Plated Finishes except 14, 14C, 46 and 47



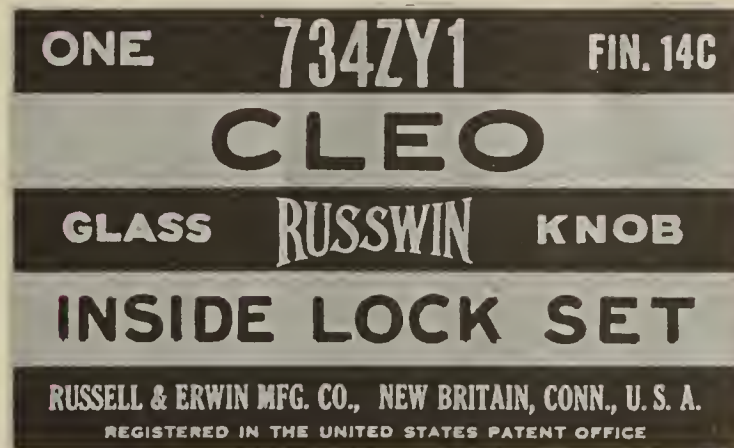
Black labels indicate Finishes 46 and 47, Jet Knobs and Half Polished Finishes



Purple and Silver labels indicate Wrought Steel or Cast Iron Finishes 14 and 14C and Silver Bronze



Green labels indicate Wrought Steel or Cast Iron, Japanned and Unfinished Iron



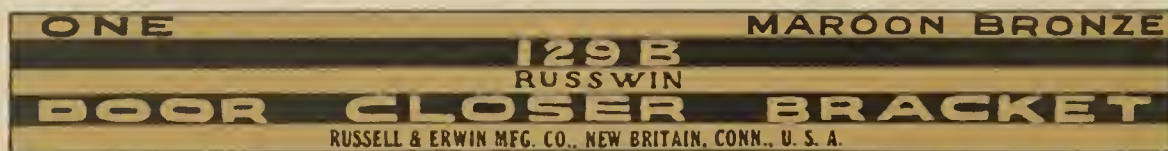
Black and Silver labels indicate Wrought Brass or Bronze Finishes 14 and 14C

Attention is directed to the original and distinctive style and system of labeling our products. Familiarity with the same facilitates business and makes it easy to tell at a glance the class and location of all goods. The simple massing of solid colors gives a pleasing appearance on the shelves, showing a standard stock of dependable goods.

See "How RUSSWIN Hardware Is Numbered," page 4.

Russwin Labels

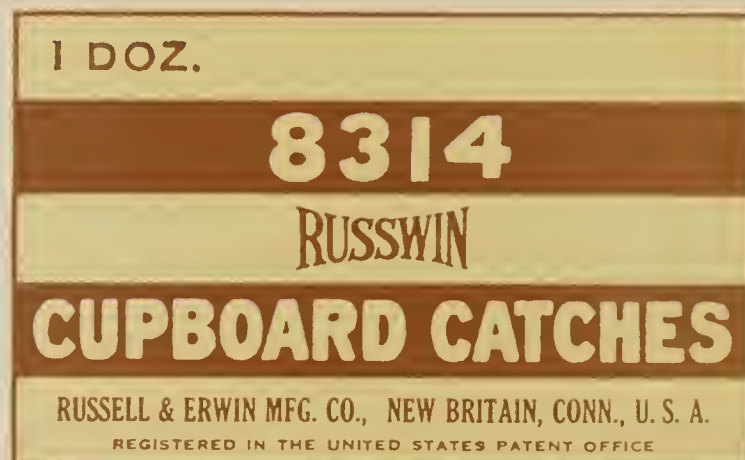
(Copyrighted)



Buff and Black labels indicate Maroon Bronze



Purple labels indicate Russwin Metal



Brown labels indicate Iron and Steel Metal, Kahala Finish



Yellow and Black labels indicate Pottery, Porcelain and Mineral Knobs

Attention is directed to the original and distinctive style and system of labeling our products. Familiarity with the same facilitates business and makes it easy to tell at a glance the class and location of all goods. The simple massing of solid colors gives a pleasing appearance on the shelves, showing a standard stock of dependable goods.

See "How RUSSWIN Hardware Is Numbered," page 4.

A Word About Service

WE HAVE endeavored to make this catalogue as complete as possible, outlining certain suggestions and instructions, which if followed will eliminate the necessity of writing for essential information, and result in the prompt execution of your orders.

It has been our experience that customers omit information which seemingly is of little importance, but the omission of which delays the entering of their orders, i.e.:—

Unit of Quantity.

The Number (in many instances articles of a kind carry different numbers).

Design.

Name of Article desired (in many instances different articles carry the same number).

Finish desired.

The size of such items as Butts.

Hand, Backset and Keying Instructions relative to locks, when different from regular.

The length of Adjusters, Bolts, Transom Chains, Chain Door Holders, Transom Lifters, etc.

Type of Strike required on Casement Fasteners.

Quantity of Master and Grand Master Keys required on Master-Keyed Lock orders.

Details required on Fire Exit Bolts.

Your attention is called to these facts, for the reason that it is our desire to give you the most satisfactory service it is possible to render at all times. Your full co-operation is earnestly requested. In the event the full information cannot be given on an order at the time it is sent in, mark such items on which this essential data is missing—"Detail to follow." It must be understood, however, that we cannot proceed with the manufacture of such items until this information is supplied. Therefore, the time required for filling such orders should be computed from the date this information is received by us.

To change an order after it has once been entered requires more time and trouble, and involves more expense than the entering of a new order, all of which it is necessary for someone to assume.

Customers should give manufacturer as much time as possible to fill orders, as often the goods have to be made and cannot be furnished from stock, as is the case with the wholesale jobber and retail dealer.

Essential Points to Remember in Specifying Locksets Which Are Not Listed

1st. Specify the number of the lock desired.

a. If master-keyed, suffix the symbol "M" to lock number and give detail description of layout. See page 6.

b. If any other than regular backset, specify: Special B.S. and size required. (Note) Those which can be furnished are listed in connection with each individual lock.

c. If beveled front is required and is not regular with lock, specify: Bevel: ($\frac{1}{8}$ in. on 2 in. is standard). See pages 236, 237.

d. If lock is not reversible, specify: Hand. See pages 236, 237.

2nd. Specify Trim: knobs first, escutcheons second, or if sectional trim, knobs and roses, cylinder collar or plate escutcheons, then the design if any, and finish. Note: If trim is wanted on one side different from the other, always specify the outside trim first, then the inside, following the same method as noted above. The face of locks and strikes are finished the same as the inside trim, except on reversed beveled or doors opening out, in which case they are finished the same as the outside trim, unless otherwise specified.

3rd. Any special instructions, such as special strikes or strikes with longer lip than regular, extra keys, etc. Examples of intricate combinations covering most of these points are noted under the heading "How to Specify Russwin Locksets." See page 5.

How Russwin Hardware Is Numbered

See Entrance Handle Sets, page 187.

See Finish Numbers, pages 16 to 18.

See Glass Knob and Sectional Trim Sets, pages 181 to 186.

See Knob Symbols, page 217.

See Lockset Numbers, pages 5 and 22 to 186.

With a few exceptions, a very definite system of numbering has been followed in designating Russwin Hardware, especially as it relates to Design Goods; for instance, numbers as used in connection with both cast and wrought designs usually have a distinct meaning.

Brass or Bronze Goods

400 Series

Bit Key Store Door Handles with Large Plate Escutcheons—as Nos. 401, 402, etc.

Cylinder Store Door Handles with Large Plate Escutcheons—as Nos. 410, 412, etc.

Entrance Door Handles with Sectional Plates—as Nos. 420, 421, etc.

Flush Sash Lifts—as No. 454.

500 Series

Bar Sash Lifts—as No. 525.

600 Series

Push Buttons—as No. 600.

Push Plates—as Nos. 615, 616, etc.

Door Pulls—as Nos. 625, 626, etc.

900 and 3900 Series

Knobs as Nos. 950, 956, etc. (see pages 22 to 186).

Escutcheons as Nos. 900, 901, 3900, 3901, etc. (for Cylinder Locks).

Escutcheons as No. 910 (Cylinder Collars).

Turn Knobs as No. 920.

Escutcheons as No. 925 (Small Plate).

Escutcheons as No. 935, 3935 (for 3½ in. Lock).

Escutcheons as No. 940, 3940 for 4 in., 4¼ in., and 4½ in. Locks.

Escutcheons as No. 950, 3950 for 5 in. Locks and larger.

1400 Series

Letter Box Plates and Hoods as Nos. 1420-1420½.

Cast Iron and Wrought Steel in Plated Finishes

To the Brass or Bronze number, the figure "7" is prefixed. Thus an escutcheon as No. 935 in Bronze would be No. 7935 in Steel. Iron or Steel Goods are therefore indicated by numbers in the 7000 Series; for example, the Iron number for a Sash Fastener as No. 110 (Bronze) is No. 7110 (Iron).

Numbers in the 2000 Series with certain exceptions, (as the prefix "2" used in connection with knobs indicates Simplex Shanks and Spindles, see page 216) indicate Cast Iron Goods in Japanned Finish.

Numbers in the 3000 Series indicate Screwless Shank Knobs.

Numbers in the 3500 Series indicate Colonial Hand Forged Iron Goods.

Numbers in the 4000 Series indicate Rim Locks of various types.

Numbers in the 5000 Series indicate Russwin Artistic Hardware.

Numbers in the 5400 Series indicate Cast Russwin Metal (Hammered).

Numbers in the 6000 Series indicate Standardized Template Locks as adopted by the Hollow Metal Door Association.

Numbers in the 8000 Series indicate Cast Iron goods in Kahala Finish.

Numbers in the 9000 Series indicate Cast Iron goods in Coppered Finish, except Transom Lifters.

The number opposite all articles which are furnished in either Kahala, Japanned or Coppered indicates both the goods and the finish.

Terminal numerals of Rose Numbers indicate size, as—No. 11½, is 1½ in. diameter, No. 12, 2 in. diameter, etc.

Terminal numerals of Shutter Workers indicate the throw, as No. 704½ has a 4½ in. throw.

On miscellaneous goods "T" prefixed to Number indicates Rolled Surface before plating.

How to Specify Russwin Locksets

USE standard sets wherever it is practical and possible to do so. These sets are shown in connection with Design Goods—pages 22 to 210, as:

Russwin Front Door Locksets—Niantic Design:

SPECIFY ● ● ● 10 only No. 1238HY2 Ntic. Locksets F11Z.

1238 —Denotes Lock, page 267.

HY —Knob Symbol, pages 75, 217.

2 —Escutcheons, pages 74, 75.

Ntic. —Design Symbol, pages 74, 75.

F11Z —Finish Symbol, page 17.

Lock Numbers, and Knob, Design and Finish Symbols remain fixed, while the number following or suffixed to the Knob Symbol indicating the escutcheons is more or less changeable, varying with different designs. In this instance the number 2 indicates one (1) escutcheon No. 3900 (11½ in. by 3 in.) outside and one (1) escutcheon No. T3902 (7½ in. by 2½ in.) inside.

Or Russwin Vestibule and Office Door Locksets—Niantic Design

SPECIFY ● ● ● 25 only No. 1238½HY4 Ntic. Locksets F9C.

The component parts entering into the makeup of this set will be found on pages 74, 267.

Also Russwin Inside Door Locksets—Niantic Design

SPECIFY ● ● ● 100 only No. 0370HY1 Ntic. Locksets Fo9C.

Using set numbers is much easier than specifying component parts, as:

100 only Locks 0370 x Knobs 2951 x Escutcheons 3935 Niantic Finish o9C.

Other locks of the same general type may be substituted for those regularly listed in these and similar sets, providing the trim is suitable for use in connection with them, by merely changing the number of the lock.

SUBSTITUTIONS ● ● ● Care should be taken, however, in making substitutions to see that escutcheons, for instance, are wide enough for use with cylinders and collars, or long enough to take the spacing of the lock and present a symmetrical and neat appearance.

From this it will be noted that such substitutions as a No. 1239½ or 11456 Lock for No. 1238½ will obviously be satisfactory, while No. F1247 would be entirely unsuitable for use with this type of trim. Likewise Locks as Nos. 0374¾, 380¾ and 384¾ may be substituted for 0370, while the trim as packed regularly with the No. 0370 Set would be very unsuitable for a lock as No. 608¼EM used on Hotel Corridor Doors, which lock, due to the spacings, etc., requires a much longer escutcheon than those furnished with a lockset as 0370HY1 Niantic.

Closet Door Sets

Closet Door Sets in Wrought Brass or Bronze and Wrought Steel Designs, also Glass Knob and Sectional Sets, are indicated by suffixing the symbol "½" to the full set number, as:

734W1½—Sterling, the symbol ½ indicating Closet Spindle 7039 one set.

731E1½—Berkeley, the symbol ½ indicating Closet Spindle 7039 one set.

558-34½—The symbol ½ indicating Closet Spindle 7059 one set.

Sets of this type have closet spindles (spindles with a turn on inside end, which permits anyone to operate latch bolt from the inside of the closet, should the door for instance blow to and latch).

How to Specify Russwin Master-Keyed Locks

See Information Relative to the Keying of Russwin Locks (page 355)

See Description of Keys and Their Operation (page 354)

ORDERS should be accompanied with all available information as to the eventual extent of the job, the number of different sets and the keying functions which will be required of the various locks, how master-keyed or grand master-keyed locks are to be grouped, and full details regarding the control by master and grand master keys should be given, for the future, as well as the present. A key system can be devised in the beginning to meet almost any requirements. It can be based only on information furnished us with the first order.

When work is done and the system started it cannot be changed or rearranged and give satisfactory results, as to do so the conditions would be similar to that of attempting to change the foundations of a house after the superstructure had been partly or wholly erected.

A record is kept of each master key system furnished by this Company, and in order that these records may be complete, the name of the building, owner, and location should be specified on each order.

Additional master keys are furnished only upon receipt of proper requisition from the owners or their authorized agents.

Locks which are to be master-keyed should have the symbol "M" suffixed to the regular number, i.e., No. 11248M. Locks which are to be grand master-keyed should have the symbol "GM" suffixed to the regular number, i.e., No. 1205½GM. Locks which have the Russwin emergency master key feature are regularly listed in the catalogue with the symbol "EM," which symbol is a part of the number, and only those locks which are so designated by the symbol "EM" can be furnished with this feature.

The number of master and grand master keys should be specified at the beginning of each master-keyed order, in connection with the details regarding the control of these keys. On emergency key systems, unless otherwise specified, only one emergency key is furnished.

In specifying master key systems alphabetical symbols should be used in connection with various sets. When keys are referred to, specifications should read as follows:

"Keys" of Set "A" to "act upon" (operate) Set or Sets "B," etc., or when locks are referred to, they should read

"Locks" Set or Sets "B" subject to keys of Lock Set or Sets "A," etc., as these expressions admit of but one interpretation.

DO NOT USE THE EXPRESSION "TO PASS" ● ● ● When grand master key systems are specified, alphabetical symbols should be used in connection with individual locks, and numerical symbols for different master-keyed groups.

THESE RULES SHOULD BE RIGIDLY OBSERVED IN ORDER TO AVOID CONFUSION ● ● ● Note the following specifications for residential, apartment house and office buildings as it relates to master-keyed work.

FOR SMALL HOMES ● ● ● All exterior doors may be keyed alike, one key answering for all. Front entrance and vestibule door locks should always be keyed alike and where the other locks are required to be different it is usual to arrange them so that the front entrance door key will act as a master key on them in which case:

Specify as follows:

Front Entrance Doors	Set A	Basement Door	Set B
Rear Entrance Door	Set B	Garage Door	Set B

Locks B keyed different.

Locks A keyed alike—Keys to act as master keys on lock B.

FOR LARGER HOMES • • • Key system so arranged that the keys to the lock on the Front or Main Entrance will act on the locks to the Side Entrance, Rear Entrance, Basement, Garage and Servants' Section. Keys to Chauffeur's Quarters to act on Basement and Garage Doors.

Specify as follows:

Front Entrance	Set A	Chauffeur's Quarters	Set C ("M")
Side Entrance	Set B ("M")	Basement	Set D ("GM")
Rear Entrance	Set B ("M")	Garage	Set D ("GM")
Servants' Section	Set B ("M")		

All locks to be keyed different (unless otherwise specified).

Keys of Lock Set "C" to act as Master Keys on Locks Set "D."

Keys of Lock Set "A" to act as Master Keys on Locks in Sets "B" and "C" and as Grand Master Keys on Locks in Set "D."

Locks in Sets "B" and "C" should be (figured and) specified "Master-Keyed" (use the symbol "M").

Locks in Set "D" should be (figured and) specified "Grand Master-Keyed" (use the symbol "GM").

FOR APARTMENT HOUSES • • • Key system so arranged that Janitor has control of all locks in building with master key in his possession. Tenants need carry only one key to operate Main Entrances to building, Front and Rear Doors to Apartment, and to Storage Space in Basement.

Specify as follows:

Main Entrance to Building—keys alike— Set A ("GM").	Rear Door to Apartments—keys all different—Set C ("M").
Front Doors to Apartments—keys all different—Set B ("M").	Storage Spaces—keys all different—Set D ("M").

All cylinder locks master-keyed in 1 set (Specify quantity of Master Keys wanted).

Set B-C and D keyed alike in sets, one of each to a set, (*) sets in all, and all keys of these sets to act on locks in Set A.

*Specify quantity.

FOR OFFICE BUILDINGS • • • The following paragraphs are given as suggestions to be used when there is a possibility of the Master or Grand Master Key system being extended at some time in the future:

1st • • • Allow for an extension of this system to provide for an additional wing to this building, which will be a duplicate of the present one.

2nd • • • Allow for an extension of this system to provide for an annex which will require approximately fifty per cent of the total locks herein specified. (Give full details as to whether each floor will be extended or if provision is to be made for additional floors.)

3rd • • • Allow for a possible extension of five (5) floors to this building.

All locks to be master-keyed by floors and grand master-keyed unless otherwise specified.

All locks to be keyed different unless otherwise specified.

Men's toilet locks to be keyed alike on a floor and made subject to the keys of all office doors and of the janitor's closet on their respective floors.

Women's toilet locks to be all keyed alike and made subject to the master key of the floor on which they occur and to the grand master key, or subject to the grand master key only. Extra keys will be required for such locks, and the quantity should be specified.

Pipe Shafts—keyed alike on all floors—Subject to Grand Master Key only.

Electric Cabinets—Keyed alike on all floors—Subject to Grand Master Key only.

Locks for store doors are not to be master or grand master-keyed.

The following Symbols should be used in designating the various locks or groups of locks:

	Office Doors	Janitor's Closet	Men's Toilets
2nd Floor—Group 2	Set 2A ("GM")	Set 2B ("GM")	Set 2C ("GM")
3rd Floor—Group 3	Set 3A ("GM")	Set 3B ("GM")	Set 3C ("GM")
4th Floor—Group 4	Set 4A ("GM")	Set 4B ("GM")	Set 4C ("GM")
5th Floor—Group 5	Set 5A ("GM")	Set 5B ("GM")	Set 5C ("GM")
6th Floor—Group 6	Set 6A ("GM")	Set 6B ("GM")	Set 6C ("GM")
	Women's Toilets—all floors	Set D ("GM")	
	Pipe Shafts—all floors	Set E ("GM")	
	Electric Cabinets—all floors	Set F ("GM")	
	Store Doors	Set G (No "M" or "GM")	

All locks (except those on Store Doors or unless otherwise specified) should be (figured and) specified "Grand Master-Keyed" (use the symbol "GM"). Suffix the symbol to the lock number.

When locks in a Master or Grand Master-Keyed System are not to be "Master or Grand Master-Keyed" it is not sufficient to merely omit either of the symbols but very essential that a notation be made by each of the locks on which neither of these features are desired as (No "M" or "GM"). This admits of but one interpretation.

FOR HOTELS ● ● ● As Hotel work varies very largely as to size and control desired by different Managers, we advocate consultation with a Representative of this Company before specifications are prepared.

We will be very glad to lay out a system on any project which will best suit the conditions to be met and give the greatest satisfaction to our clients.

FOR HOSPITALS ● ● ● Modern Hospitals with their various Departments and Treatment Rooms require special keying arrangements to cover these conditions. We advocate consultation with a Representative of this Company before specifications are prepared.

We will be very glad to lay out a system on any project which will best suit the conditions to be met and give the greatest satisfaction to our clients.

Suggestions for Drawing Off Schedules from Architects' Drawings and Specifications

See pages 14 and 15

IN ORDER to correctly estimate hardware for buildings it is necessary to have a complete knowledge of the requirements, the ability to read and understand Architects' drawings, from which the schedules of requirements are compiled.

It should be understood that an Architect's drawings are illustrative of his specification, as the specification is explanatory of the drawings, therefore, a thorough knowledge of the specifications covering all parts of the work requiring hardware is absolutely necessary. Although a specification may describe in detail, either by number or description, under the heading of "HARDWARE," the kind or type of hardware required, much information necessary to make an accurate schedule will usually be found distributed throughout the specification under other headings.

The floor plans and elevations are usually drawn to an eighth ($\frac{1}{8}$ in. = 1 ft.) or a quarter ($\frac{1}{4}$ in. = 1 ft.) scale and accompanied by drawings of a larger scale showing parts of the work in detail. These larger scale of drawings (and the full-size detail drawings where it is possible to obtain them) should be thoroughly examined and such information as they contain carefully noted. Reference should be made to the elevations as well as the floor plans; this is especially necessary in listing the windows, the type of which is frequently not indicated on the floor plans.

Drawings of larger scale take precedence over those drawn to a smaller scale, and full-size details take precedence over all. Drawings, which for any reason are not understood, or, if the drawings and specification contradict one another, the matter should be submitted to the Architect for an explanation or a decision.

A systematic or uniform method should be followed in preparing a schedule. If the butts (bolts if the doors are double) and lock with its trim and other hardware required are always listed in the same order on a schedule, omissions in material required are not as likely to occur as if the order of entry is changed.

In the compilation of the schedule it is best to start at the basement and work up, although this order is sometimes reversed, and a careful study of the plans should first be made to familiarize oneself with the layout. The entrance door should be the starting point, listing doors and windows and any other openings requiring hardware. On the first floor list first all hardware required for the front door; then the vestibule and main hall and the rooms in the order shown by the plans; the name of each opening appearing as a heading for the hardware required for that opening. In preparing schedules for office buildings or hotels, the openings of a kind on the upper floors—many of which are usually typical—may be grouped together by floors; but the same uniformity of procedure should be followed.

In listing the openings or headings the words "to" or "from" should be used to indicate the swing of the door. This is especially desirable where hardware of different finishes are used on opposite sides of a door. For example, a door between main hall and passage swinging into the passage should read: "Door Main Hall to Passage;" or if it opens into the main hall, the heading should read: "Door Main Hall from Passage;" specifying the hand and thickness in connection therewith.

The hand or swing of doors (except in cases where flat face reversible locks are used), also the thickness, bevel or rabbet should always be noted that the locks may be furnished of the proper hand and to fit the details; any projecting trim or plinth should also be noted that butts of proper width to swing the door clear may be used. The width of the stile must be considered for the backset of the lock. If the trim is to be placed so close to the jamb line that the latch bolt will rub and mar the wood, strikes with long lips (specify length) should be listed.

It is always preferable to apply flush bolts on the edge of the door instead of on the face of the stile, and the type of meeting stiles and thickness will determine the width of plate or type of bolt required, if so applied.

Sliding doors are frequently detailed with a chafing strip or band around the door, and this, together with the stiles, should be considered to determine the type of lock and its backset. Various details are followed in detailing the joint of meeting stiles of double sliding doors, and this should be considered to determine the width (or type) of the lock front and strike. The length of run and whether single or double doors should be noted in connection with the sliding door hangers.

In listing windows, if double hung (balanced) make sure that the lower rail of the lower sash will have enough surface clear of the sill to receive the type of lift required. If casement or French Windows, note the hand (or swing) and the detail of the rail and jamb (or of the meeting rails if double) for the fastenings, and the detail of the lower rail and stool or sill if adjusters are required. Note whether windows open in or out. Many types of casement adjusters make full-size details of the lower rail and its position in relation to the stool or sill necessary to execute an order correctly. In cases where cremone bolts are used, always obtain details of the head and sill, that the proper strikes may be furnished.

That part of a schedule covering the hardware for cabinets or cases should be given most careful attention. The lock rails of fine cabinet work vary greatly in detail; the width of stile and moldings, also the depth of rabbet, must be considered to determine the backset of the lock; the hand of the door (cabinet locks are always handed the reverse of door locks) should be noted; often pilasters or projecting moldings make necessary butts of a greater width than would ordinarily be used; drawers requiring locks often have a band mold and the width of this molding must be considered to determine the position of the keyhole, that the escutcheon will not interfere with the molding. Whenever possible the full-size details should be examined, and all information which would have any bearing on the hardware noted.

When hardware is to be used on hollow steel or bronze doors this information should always be specified on the schedule and order, as such hardware must be made to template to insure all goods being exact in size and location of screwholes with the sample furnished for cutting sinkages and drilling for screws. Specify machine screws in all cases, and where wanted a certain length this information should be given. The gauge of machine screws furnished will be the same as the wood screws regularly packed with the goods, and we will in all cases furnish machine screws with our standard thread for the diameter of the screw. Full size details of metal door stiles and trim should be examined in all cases, that locks made with the proper backset and strikes with the correct length of lip may be specified.

In order to avoid errors or delays, the catalogue number of all goods wanted, the name of the design, and the finish desired should be clearly specified and nothing left open for the manufacturer "to guess at."

See "A Word About Service," Page 3

"How to Specify Russwin Master-Keyed Locks," Page 6

"For Inter-Keying Lock Systems," Page 355

Typical Lock Schedules for Various Types of Buildings

Index and suggested layout of locks arranged in groups, horizontally according to choice and vertically according to quality and use. Group 1 is the highest grade.

The following indices and suggested layouts of locks are for the purpose of presenting different combinations which have proven to be very satisfactory. The numbers of locks in the layouts do not include all of the Russwin line. For other locks see the section on locks, pages 258 to 337.

Lock Schedule for Residential Buildings

Use	Group 1		Group 2		Group 3		Group 4	
	Lock No.	Page	Lock No.	Page	Lock No.	Page	Lock No.	Page
Front entrance	11213	278	11213	278	11213	278	11213	278
	11248	269	11248	269	11248	269	11248	269
Side entrance	11213	278	11213	278	11213	278	11213	278
	11248	269	11248	269	11248	269	11248	269
Rear entrance	11248	269	11248	269	11248	269	11248	269
Interior doors	384 ³ / ₄	295	380 ³ / ₄	295	0370 ³ / ₄	297	0370	297
Exterior French doors	F1247	270	F1247	270	G381 ³ / ₄	300	G231	302
Interior French doors	G381 ³ / ₄	300	355	301	355	301	355	301
Closets	384 ³ / ₄	295	380 ³ / ₄	295	0370 ³ / ₄	297	0370	297
	042	311	042	311	043	311	043	311
Bath	236	292	236	292	233	292	233	292
Communicating	236 ¹ / ₂	292	236 ¹ / ₂	292	233 ¹ / ₂	292	233 ¹ / ₂	292
	384 ³ / ₄	295	380 ³ / ₄	295	0370 ³ / ₄	297	0370	297
Garage*	200	490	200	490	200	490	200	490
	300	490	300	490	300	490	300	490

*For Garage Door Sets, see Garage Door Hardware Section, page 493.

Lock Schedule for School Buildings

Use	Group 1		Group 2		Group 3	
	Lock No.	Page	Lock No.	Page	Lock No.	Page
Main entrance	See Fire Exit Bolts } 393 to 433					
Side entrances						
Exits						
Class rooms	1458 ⁵ / ₈ MP	264	444 ³ / ₄	307	00125	307
	1258 ⁵ / ₈ MP	265				
Principal	1458 ⁵ / ₈ MP	264	11248	269	11248	269
	1258 ⁵ / ₈ MP	265			380 ³ / ₄	295
Teachers' rooms	1458 ⁵ / ₈ MP	264	11248	269	11248	269
	1258 ⁵ / ₈ MP	265			380 ³ / ₄	295
Teachers' lavatories	11458 ¹ / ₂ M	264	11248 ¹ / ₂	269	11248 ¹ / ₂	269
	11258 ¹ / ₂ M	265				
Closets	11248	269	380 ³ / ₄	295	380 ³ / ₄	295
	025	310	025	310	026	311
	026	311	026	311	042	311
Auditorium	Same as entrance.					

Lock Schedule for Office Buildings

Use	Unit Locks		Standard Locks							
	Group 1	Group 2	Group 3	Group 4	Group 5					
	Lock No.	Page	Lock No.	Page	Lock No.	Page	Lock No.	Page	Lock No.	Page
Entrance	2159 $\frac{1}{2}$ M	251	9152 $\frac{1}{2}$ M	281	9152 $\frac{1}{2}$ M	281	9152 $\frac{1}{2}$ M	281	9152 $\frac{1}{2}$ M	281
	2859 $\frac{1}{2}$ M	251	9132	281	9132	281	9132	281	9132	281
					9098	281	9098	281	9098	281
Vestibule and Corridor	2166M	248	*1457	263	11456	266	1239 $\frac{1}{2}$	268	11248 $\frac{1}{2}$	269
	2866M	248								
	2156M	248								
	2856M	248								
Individual Offices	2166 $\frac{3}{4}$ M	250	11456	266	11456	266	1239 $\frac{1}{2}$	268	11248 $\frac{1}{2}$	269
	2866 $\frac{3}{4}$ M	250								
Private Offices	2166 $\frac{3}{4}$ M	250	11456	266	11456	266	1239 $\frac{1}{2}$	268	11248 $\frac{1}{2}$	269
	2866 $\frac{3}{4}$ M	250							233	292
	2134	253	236	292	236	292	236	293		
	2834	253					233	293		
Communicating	2135	253	236 $\frac{1}{2}$	292	236 $\frac{1}{2}$	292	236 $\frac{1}{2}$	293	233 $\frac{1}{2}$	292
	2835	253					233 $\frac{1}{2}$	293		
Closets	2145	254	11248	269	11248	269	11248	269	11248	269
	2845	254	*028	310	025	310	025	310	042	311
			025	310			042	311		
Lavatories	P2116M	252	*1457 $\frac{1}{2}$ M	262	11458 $\frac{1}{2}$ M	264	11458 $\frac{1}{2}$ M	264	11248 $\frac{1}{2}$	269
	P2816M	252	*1457 $\frac{1}{2}$ M	262	11458 $\frac{1}{2}$ M	264	11258 $\frac{1}{2}$ M	265	11258 $\frac{1}{2}$ M	265
Stair Wells	2159 $\frac{1}{2}$ M	251	*1457 $\frac{1}{2}$ M	262	11458 $\frac{1}{2}$ M	264	11458 $\frac{1}{2}$ M	264	11258 $\frac{1}{2}$ M	265
	2859 $\frac{1}{2}$ M	251	*028	310	025	310	11258 $\frac{1}{2}$ M	265	042	311
Janitor's Closet	P2116M	252	11248	269	11248	269	11248	269	11248	269
	P2816M	252								
Slop Sinks	2145	254	*028	310	025	310	025	310	025	310
	2845	254	025	310						
Pipe Chases, Wire Shafts, etc.	P2116 $\frac{1}{4}$ M	254	1203	275	1203	275	1203	275	1203	275
	P2816 $\frac{1}{4}$ M	254								

*Latch bolts have $\frac{3}{4}$ -in. throw to meet Underwriters' requirements.

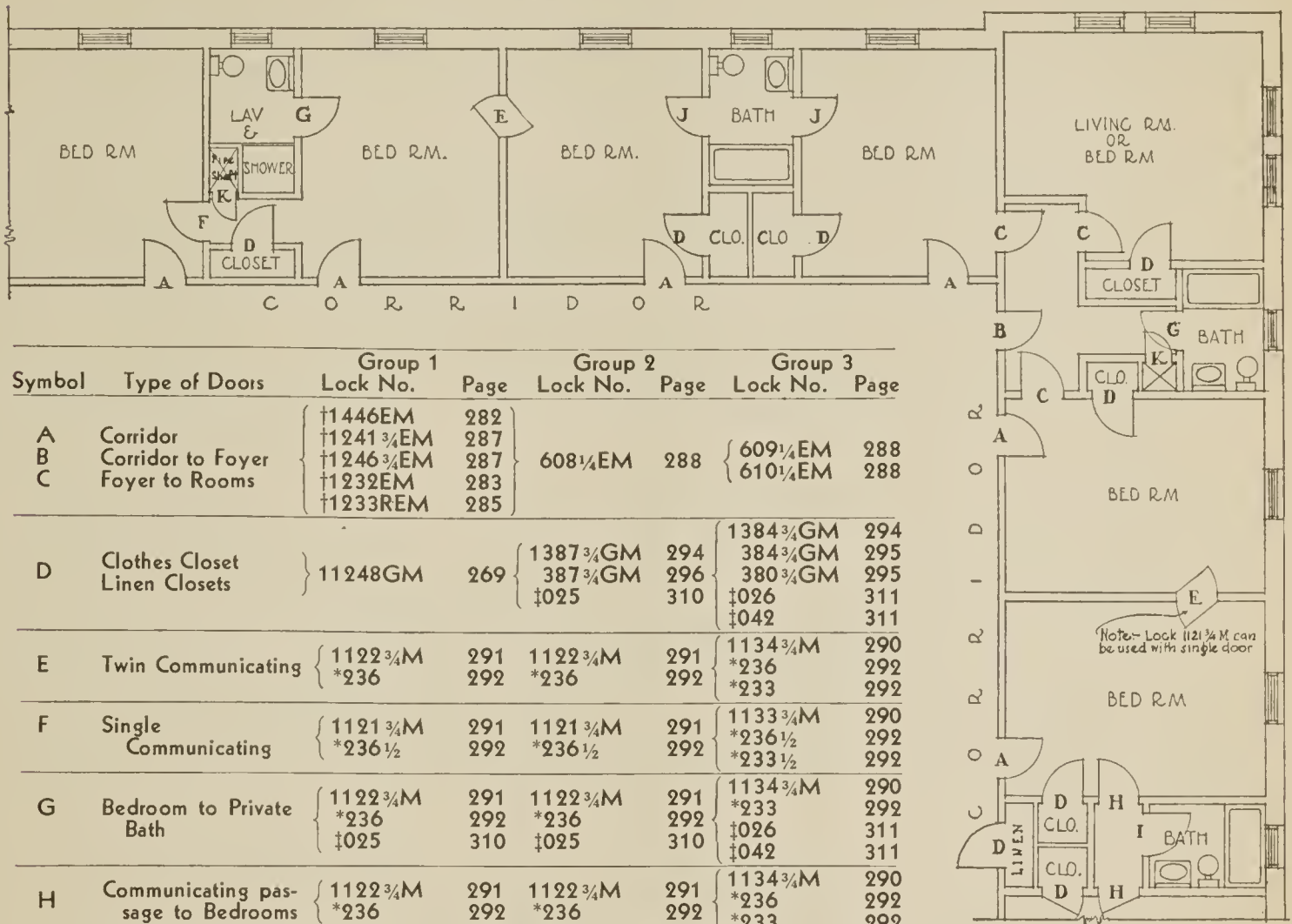
Lock Schedule for Apartment Houses

Use	Lock No.	Page	Use	Lock No.	Page
Main Entrance	9152 $\frac{1}{2}$ M	281	Closets	384 $\frac{3}{4}$	295
	11458 $\frac{1}{2}$ M	264		380 $\frac{3}{4}$	295
	11456M	266		0370 $\frac{3}{4}$	297
Entrance to Apartments	11456M	266		0370	297
	11748M	269		042	311
	11248M	269		043	311
Rear Entrance	11248M	269	Baths	236	292
Garage*	200M	490		233	292
	300M	490	French Doors	F1247 $\frac{1}{2}$	270
Interior Doors	384 $\frac{3}{4}$	295		G381 $\frac{3}{4}$	300
	380 $\frac{3}{4}$	295		355	301
	0370 $\frac{3}{4}$	297	Storage Doors	11248M	269
	0370	297			

*For Garage Door Sets, see Garage Door Hardware Section, page 493.

Index and Suggested Layout of Hotel Locks

Locks arranged in groups according to quality and systems in which they may be Master-Keyed together



Symbol	Type of Doors	Group 1 Lock No.	Page	Group 2 Lock No.	Page	Group 3 Lock No.	Page
A	Corridor	†1446EM	282			609 1/4 EM	288
B	Corridor to Foyer	†1241 3/4 EM	287			610 1/4 EM	288
C	Foyer to Rooms	†1246 3/4 EM	287				
		†1232EM	283				
		†1233REM	285				
D	Clothes Closet Linen Closets	11248GM	269	1387 3/4 GM	294	1384 3/4 GM	294
				387 3/4 GM	296	384 3/4 GM	295
				†025	310	380 3/4 GM	295
						†026	311
						†042	311
E	Twin Communicating	1122 3/4 M	291	1122 3/4 M	291	1134 3/4 M	290
		*236	292	*236	292	*236	292
						*233	292
F	Single Communicating	1121 3/4 M	291	1121 3/4 M	291	1133 3/4 M	290
		*236 1/2	292	*236 1/2	292	*236 1/2	292
						*233 1/2	292
G	Bedroom to Private Bath	1122 3/4 M	291	1122 3/4 M	291	1134 3/4 M	290
		*236	292	*236	292	*233	292
		†025	310	†025	310	†026	311
						†042	311
H	Communicating passage to Bedrooms	1122 3/4 M	291	1122 3/4 M	291	1134 3/4 M	290
		*236	292	*236	292	*236	292
						*233	292
I	Communicating passage to Bath	*236	292	*236	292	*236	292
						*233	292
J	Communicating Bath	1121 3/4 M	291	1121 3/4 M	291	1133 3/4 M	290
		*236 1/2	292	*236 1/2	292	*236 1/2	292
						*233 1/2	292
K	Wire Shafts, Closets, Pipe Chases, etc.	†1203M	275	0786M	308	078 3/4 M	309
		0786M	308				
Symbol	Type of Doors	Group 4 Lock No.	Page	Group 5 Lock No.	Page	Group 6 Lock No.	Page
A	Corridor						
B	Corridor to Foyer	0015 3/4 EM	289	384 3/4 GM	295	0370 3/4 GM	297
C	Foyer to Rooms			380 3/4 GM	295		
D	Clothes Closet Linen Closets	380 3/4 GM	295	380 3/4 GM	295	0370 3/4 GM	297
		†026	311	†042	311	†042	311
		†042	311				
E	Twin Communicating	*233	292	*233	292	*233	292
F	Single Communicating	*233 1/2	292	*233 1/2	292	*233 1/2	292
G	Bedroom to Private Bath	0022 3/4 M	289	0022 3/4 M	289	*233	292
		*233	292	*233	292	†042	311
		†026	311	†042	311		
		†042	311				
H	Communicating passage to Bedrooms	1134 3/4 M	290	1134 3/4 M	290		
		0022 3/4 M	289	0022 3/4 M	289	*233	292
		*233 1/2	292	*233 1/2	292		
I	Communicating passage to Bath	*233	292	*233	292	*233	292
J	Communicating Bath	1133 3/4 M	290	1133 3/4 M	290		
		0022 3/4 M	289	0022 3/4 M	289	*233 1/2	292
		*233 1/2	292	*233 1/2	292		
K	Wire Shafts, Closets, Pipe Chases, etc.	078 3/4 M	309	078 3/4 M	309	076 3/4	309

*Locks with Turn Knobs (or Pieces) no Keys.

†Cylinder Lock Group.

‡Latches—no Keys.

M—Master-Keyed.

GM—Grand-Master-Keyed.

EM—Emergency-Master-Keyed.

A Typical Schedule of Builders' Hardware

Compiled from the Plans on the Opposite Page

This schedule is given as an example only with the view of assisting the man who is not familiar with Architects' drawings, in properly listing the trim hardware requirements of a building of this type. Larger buildings are covered in the same general way, and once the novice in the hardware game has mastered the art of scheduling the smaller job, the larger one will be comparatively easier.

See suggestions on pages 9 and 10

Smith & Jones Hardware Co.

Mountain View, Conn.

A Schedule of

RUSSWIN Builders' Hardware

for

Mr. E. Manon's Residence

350 Hillcrest Ave., Mountain View, Conn.

John Doe, Architect

Hartford, Conn.

General—Master-Keying

Entrance Doors: Set A.
Service Entry Door: Set B.
Garage Doors: Set C.
Sets A, keyed alike, keys to act as Master Keys on sets B and C.
Set B, different from A and C.
Sets C, different from A and B.

Item 1

6 Only Keys, Class 852M (for locks in sets A).
No other keys required for locks in sets A.

Item 2

(A) Front Entrance, 1 Sgle. Door, 1 3/4 in., Set A.
1 1/2 Pr. Butts BB80, 4 1/2 x 4 1/2, F10.
1 Only Entrance Handle Set 13013 Brew. x 1/2 Pr. 21372 Low., F10.
1 Only Door Knocker 056, F10.
1 Only Push Button 602 Brew., F10.
3 Only Numbers, Series G, 3 in. 1 each 3-5-0, F10.
1 Only Door Stop 203, F10.

Item 3

(B) Porch to Living Room, 2 Pr. Doors, 1 3/4 in., Set A.
6 Pr. Butts BB80, 4 1/2 x 4 1/2, F10.
2 Only Locksets F1247, 1 1/2 in. B.S., R.H., Bev. 1/8 in. on 2 in. x LH2076 x CC910 Brew. x 1/2 Pr. 21372 Low. x Dummy Trim, F10.
1/6 Doz. Bolts 0716, 12 in., F10.
1/6 Doz. Bolts 0716, 8 in. x Strike 4, F10.
4 Only Door Stops 203, F10.

Item 4

(C) Porch to Dining Room, 1 Pr. Doors, 1 3/4 in., Set A.
3 Pr. Butts BB80, 4 1/2 x 4 1/2, F14.
1 Only Lockset F1247, 1 1/2 in. B.S., R.H., Bev. 1/8 in. on 2 in. x LH2076 x CC910 Brew. x 1/2 Pr. 21372 Low. x Dummy Trim, F10 x 14.
1/12 Doz. Bolts 0716, 12 in., F14.
1/12 Doz. Bolts 0716, 8 in. x Strike 4, F14.
2 Only Door Stops 203, F14.

Item 5

(D) Street to Service Entry, 1 Sgle. Door, 1 3/4 in., Set B.
1 1/2 Pr. Butts 80, 4 x 4, F10.
1 Only Lockset 11248MRY10, F10.
1 Only Door Stop 203, F10.
1 Only Door Closer C, FMB.

Item 6

(E) Hall to Toilet, 1 Sgle. Door, 1 3/4 in.
1 Pr. Butts 80, 4 1/2 x 4 1/2, F4.
1 Only Lockset 0370 3/4 x 21372 Low. x 930 Clin., F10 x 4.
1 Only Door Stop 203, F4.
1 Only Door Closer C, FSB.

Item 7

(F) Hall to Living Room, 1 Sgle. Door, 1 3/4 in.
1 Pr. Butts 80, 4 1/2 x 4 1/2, F10.
1 Only Lockset 0370 3/4 x 21372 Low. x 930 Clin., F10.
1 Only Door Stop 203, F10.

Item 8

(G) Hall from Coat Closet, 1 Sgle. Door, 1 3/8 in.
1 Pr. Butts 80, 3 1/2 x 3 1/2, F10.
1 Only Lockset 0370 3/4 x 1/2 Pr. 21372 Low. x 930 Clin. x C.S. 49, F10.
1 Only Door Stop 203, F10.

Item 9

(H) Hall to Kitchen Entry, 1 Sgle. Door, 1 3/4 in.
1 Pr. Butts 80, 4 1/2 x 4 1/2, F10.
1 Only Lockset 0370 3/4 x 1/2 Pr. 21372 Low. x 930 Clin. x 1/2 Pr. 2383 x R12 x 66 1/2, F10.
1 Only Door Stop 203, F10.

Item 10

(I) Kitchen Entry from Coat Closet, 1 Sgle. Door, 1 3/8 in.
1 Pr. Butts 80, 3 1/2 x 3 1/2, F10.
1 Only Lockset 3989 1/2 W x Lock 0370 3/4, F10.
1 Only Door Stop 203, F10.

Item 11

(J) Kitchen from Entries, 2 Sgle. Doors, 1 3/8 in.
2 Pr. Butts 80, 3 1/2 x 3 1/2, F4.
2 Only Locksets 3970 3/4 W, F10 x 4.
2 Only Door Stops 203, F4.

Item 12

(K) Kitchen from Store Rm., 1 Sgle. Door, 1 3/8 in.
1 Pr. Butts 80, 3 1/2 x 3 1/2, F4.
1 Only Lockset 3989 1/2 W x Lock 0370 3/4, F4.
1 Only Door Stop 203, F4.

Item 13

(L) Kitchen to Dining Room, 1 D.A. Door, 1 3/4 in.
1 Only Floor Hinge 21, F14.
1 Only Lock 076 3/4, F4.
1/12 Doz. Push Plates 1016, 15 in. x 3 1/2 in., F4.
Cut for key.
1/12 Doz. Push Plates 615 En., 15 in. x 3 1/2 in., F14. Cut for key.

Item 14

(M) Dining Rm. from Living Rm., 1 Sgle. Door, 1 3/4 in.
1 Pr. Butts 80, 4 1/2 x 4 1/2, F10.
1 Only Lockset 0370 3/4 x 21372 Low. x 930 Clin., F10 x 14.
1 Only Door Stop 203, F10.

Item 15

(N) Service Entry to Basement, 1 Sgle. Door, 1 3/4 in., Set B.
1 1/2 Pr. Butts 80, 4 x 4, F10.
1 Only Lockset 11248MRY10, F10.
1 Only Door Stop 203, F10.

Item 16

(O) Marble and Door in Toilet, 1 1/8 in.
1 Set Hinges 346 x 346B, F4.
1 Only Indicator Bolt 0156, F4.
1/12 Doz. Door Pulls 0118, F4.
1 Only Bumper 5, F4.

2nd Floor, Item 17

(P) Sleeping Deck to Bed Rm., 1 Pr. Doors, 1 3/4 in.
3 Pr. Butts 80, 4 1/2 x 4 1/2, F10.
1 Only Lockset G231 x LH2076 x 1/2 Pr. 21372 Low., F10.
1/12 Doz. Bolts 0716, 12 in., F10.
1/12 Doz. Bolts 0716, 8 in. x Strike 4, F10.
2 Only Door Stops 203, F10.

Item 18

(R) Hall to Bed Rms., 3 Sgle. Doors, 1 3/4 in.
3 Pr. Butts 80, 4 1/2 x 4 1/2, F10.
3 Only Locksets 0370 3/4 x 21372 Low. x 930 Clin., F10.
3 Only Door Stops 203, F10.

Item 19

(S) Hall from Linen and Sink Closets, 2 Sgle. Doors, 1 3/8 in.
2 Pr. Butts 80, 3 1/2 x 3 1/2, F10.
2 Only Locksets 0370 3/4 x 1/2 Pr. 21372 Low. x 930 Clin. x CS49, F10.
2 Only Door Stops 203, F10.

Item 20

(T) Hall to Bath, 1 Sgle. Door, 1 3/4 in.
1 Pr. Butts 83, 4 x 4, F4.
1 Only Lockset 233 x 1/2 Pr. 21372 Low. x 930 Clin. x C2115 1/2 x R3112 1/4, F10 x 4 x Key Cl. 219.
1 Only Door Stop 223, F4.
1/6 Doz. Hooks 055, F4.

Item 21

(U) Hall from Attic, 1 Sgle. Door, 1 3/8 in.
1 Pr. Butts 80, 3 1/2 x 3 1/2, F10.
1 Only Lockset 0370 3/4 x 1/2 Pr. 21372 Low. x 930 Clin. x 1/2 Pr. 2383 x R3012 x 66 1/2, F10.
1 Only Door Stop 203, F10.

Item 22

(V) Bed Rooms from Clothes Closets, 5 Sgle. Doors, 1 3/8 in.
5 Pr. Butts 80, 3 1/2 x 3 1/2, F10.
5 Only Locksets 0370 3/4 x 1/2 Pr. 21372 Low. x 930 Clin. x CS49, F10.
4 Only Door Stops 203, F10.

Garage, Item 23

(W) Single Door to Garage, 1 3/4 in.
1 Pr. Butts 80, 4 x 4, F11.
1/12 Doz. Lockset 0370 3/4 RY1 Berk., F11.
1/12 Doz. Night Latch 690M (Set C).
1 Only Door Stop 201, F11.

Item 24

(Y) 1 Pr. Doors to Garage, 2 1/4 in.
1 Set Garage Door Hardware 1950, Lock 200M (Set C).

Miscellaneous—Window Hardware

1 1/6 Doz. Sash Fasts. 120, F10.
2 1/3 Doz. Sash Lifts 1118, F10.
126/144 Gro. Bead Screws and Washers 283, F10.
1/4 Doz. Sash Fasts. 120, F14.
1/2 Doz. Sash Lifts 1118, F14.
27/144 Gro. Bead Screws and Washers 283, F14.
1/3 Doz. Sash Fasts. 120, F4.
7/12 Doz. Sash Lifts 1118, F4.
33/144 Gro. Bead Screws and Washers 283, F4.
8 Doz. Pulleys AF1661 1/2, F10.
1 2/3 Doz. Pr. Shutter Turn Buckles 76.
40 Pr. Butts 240, 3 x 3.

Garage Sash Hardware

1/4 Doz. Transom Catches 0754 1/2, F10.
1/2 Doz. Transom Chains 2050G.

Cupboards

1/3 Doz. Pr. Butts 039 1/2, 2 1/2 x 2 1/2, F4.
1/3 Doz. Catches 1125, F4.
1/2 Doz. Drawer Pulls 032, F4.

Screen Doors

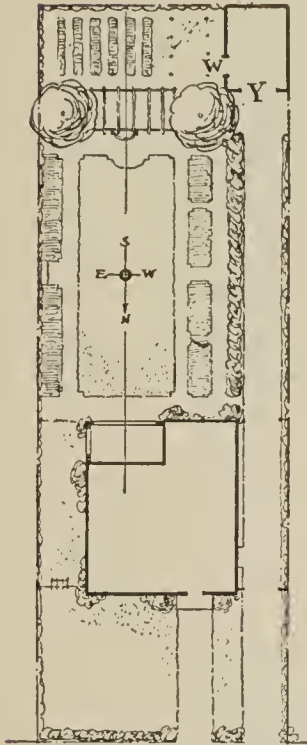
2 Pr. Butts 80, 3 1/2 x 3 1/2, F10.
1 Screen Door Catch 1587M, F10, Set A.
1 Screen Door Catch 1587M, F10, Set B.
2 S. D. Closers 7, F.M.B.

Clothes Closets

1/4 Gro. C. & H. Hooks 3139.

Floor Elevation and Plot Plan

Including Detail of Doorway
Of a Six-Room Suburban House



Plot Plan



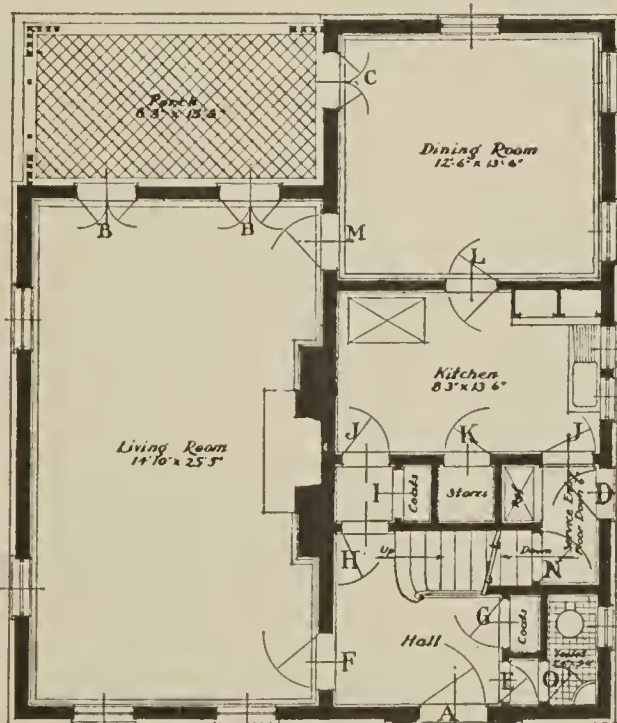
North Elevation



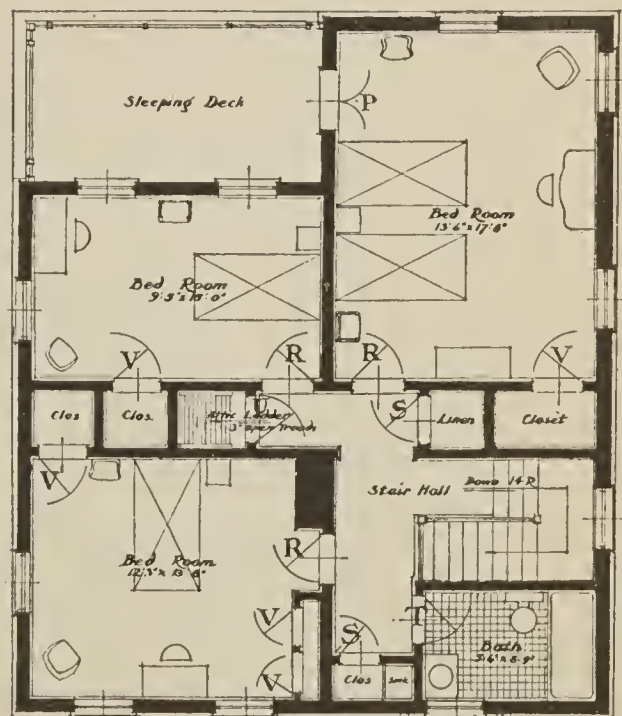
East Elevation



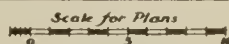
~Detail of Doorway~



First Floor Plan



Second Floor Plan



Courtesy of Pencil Points.

Russwin Standard Finishes

References

SKILLED and experienced workmen are employed in the production of our finishes, and the greatest possible care is always exercised to obtain the best results and the same harmony of coloring throughout. It should be understood, however, that the same results cannot be obtained on plain and ornamental hardware, nor on a design having a matted surface as on one having a large area of polished surface. This is especially true of the oxidized, statuary and verde antique finishes. Designs having very little ornament will differ slightly in coloring and shading from those having a great deal of ornamental surface. Owing to the special process employed in developing finishes 10W, 11W, 16½ and 36, slight variations will occur in two pieces of the same pattern, thus conveying to each piece an individuality of its own.

All finishes except 4, 10W, 11W, 11Z, 24, 34, 44, 46, 47 and Japanned have a coating of transparent lacquer which is applied to preserve the finish. If finishes 10, 11, 11C, 11D and 13 are wanted without lacquer suffix "NL" to these numbers.

- A Can be used on Bronze, Iron or Steel, although we advise and urge the use of this finish on Bronze Metal only.
- B Can be used on Brass, Iron or Steel.
- C Can be used on Brass, Iron or Steel.
- D Limited to Brass or Bronze Metal.
- E Limited to Ornamental Design Goods; for Plain Goods use Finish 9.
- F Limited to Ornamental Design Goods; for Plain Goods use Finish 09C.
- G Limited to Ornamental Designs or Goods with Rough Surfaces.
- H These finishes are treated with a heavy black oil, which causes a gradual oxidization varying with age, temperature and exposure, the shade or color thus produced depending on one or the other, or all three of these conditions. It is therefore characteristic of these finishes not to be uniform in either shade or color.
- I Limited to Ornamental Design Goods; for Plain Goods use Finish 11D.
- J This finish is treated with wax, which causes a gradual oxidization varying with age, temperature and exposure, the shade or color thus produced depending on one or the other or all three of these conditions.
- K Limited to Ornamental Design Goods; for Plain Goods use Finish 14.
- L Limited to Plain Brass Goods with Flat Surfaces.
- M Limited to Brass or Bronze Metal.
- N Limited to articles regularly catalogued in Cast Brass or Bronze, with the exception of Wrought Butts (No. 80 Line). Furnished on Special Order and then only in quantities. This finish is produced by the base metal, which is of a uniform shade or color throughout, and when buffed or polished is very similar to Russwin Finish 4. As the finish does not change with wear, it is greatly superior to Finish 4 (Nickel Plate) and is therefore especially adapted for hardware used in lavatories, bathrooms, swimming pools, etc.
- O Limited to Cast Iron or Wrought Steel.
This is a Black Finish, so durable as to be commonly known to the trade as "Rustproof," but it is not a finish that will stand exposure to the weather in damp climates or localities, and for that reason is recommended particularly for inside work. Under ordinary conditions in dry climates, either for inside or outside use, it is substantially "Rustproof." To obtain best results it should be gone over periodically with an oiled cloth.
For Brass or Bronze goods which are not listed in Group 7, use Finish 47 (nearest comparative). Note: Finishes 46 and 47 should not be used together as in trim for locksets, but only where the finishes will be separated.
- P Limited to Iron or Steel.
- Q Goods furnished in these finishes are indicated by the number of the article and need no symbol.
- R Limited to Cast Russwin Metal.

Russwin Standard Finishes

Arranged in Numerical Order

According to Russell & Erwin Manufacturing Co.'s Symbol Numbers

With Comparative Symbols established by the U. S. Bureau of Standards,
Descriptions, References and Price Group in which they are listed.

R. & E. Symbols	U. S. Symbols	Surface	Description, Color or Shade	Refer- ences	Price Group
2	US20	Dull	Statuary Bronze, Medium	A	3
2D	US20A	Dull	Statuary Bronze, Dark	A	3
02	US21	Sanded	Statuary Bronze, Medium	A	3
4	US14	Buffed	Nickel Plated	B	3
7½	US8	Buffed	Antique Copper	C	2
8C	US23	Dull	Silver Plated, Oxidized, Relieved	D	4
9	US4	Dull	Natural	C	2
9B	Special	Dull	Natural (with Black Inlay)	C	2
9C	US5	Dull	Brass, Oxidized, Relieved. Limited to Ornamental Goods. For Plain Goods use Finish 9	C-E	2
9E	Special	Dull	Antique Brass (Old English)	D	3
9OE	Special	Dull	Antique Brass (Old English) on Hammered Surface	D	3
09B	US7	Sanded	Brass, Oxidized, Relieved. High Lights Polished. Limited to Ornamental Goods. For Plain Goods use Finish 09C	C-F	3
09C	US6	Sanded	Brass, Oxidized, Relieved	C	3
10	US3	Buffed	Natural	B	2
10B	Special	Buffed	Natural (with Black Inlay)	B	2
10W	Special	Natural	Brass, Relieved, Oil Rubbed. Limited to Ornamental Designs	B-G-H	2
11	US9	Buffed	Natural	A	2
11C	US11	Dull	Bronze, Oxidized, Relieved. Limited to Ornamental Goods. For Plain Goods use Finish 11D	A-1	2
11D	US10	Dull	Natural	A	2
11DB	Special	Dull	Natural (with Black Inlay)	A	2
11W	Special	Natural	Bronze, Oxidized, Relieved, Oil Rubbed. Limited to Ornamental Designs	A-G-H	2
11Z	Special	Dull	Waxed, Statuary Bronze, Light	A-J	3
011C	US12	Sanded	Bronze, Oxidized, Relieved	A	3
13	Special	Dull	Statuary Bronze, Light	A	2
14	US15	Dull	Nickel Plated	C	3
14B	Special	Dull	Nickel Plated (with Black Inlay)	C	3
14C	Special	Dull	Nickel Plated, Oxidized, Relieved	C-K	3
16½	Special	Dull	Imitation Half Polished Iron	C	3
19	US24	Sanded	Gold Plated	D	6
22	Special	Ship Finish	Fine Wheel Finish. Limited to Plain Brass Goods	L	2
24	US26	Buffed	Chromium Plated	—	3½
24B	Special	Buffed	Chromium Plated (with Black Inlay)	—	3½
34	US26D	Dull	Chromium Plated	—	3½
34B	Special	Dull	Chromium Plated (with Black Inlay)	—	3½
36	US22	Sanded	Verde Antique	M	4
44	US25	Buffed	White Bronze (Nickelene)	N	Special
44D	Special	Dull	White Bronze	N	Special
46	US18	Sanded	Genuine Barff	O	7
47	US19	Sanded	Dull Black	C	2
G	US2G	Natural	Electro-Galvanized	P	3
	US1B	Natural	Japanned	Q	2

Russwin Standard Finishes

Continued

According to Russell & Erwin Manufacturing Co.'s Symbol Numbers

With Descriptions, References and Price Group in which they are listed

R. & E. Symbols	Surface	Description, Color or Shade	Refer- ences	Price Group
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Colonial Hand Forged Iron Hardware

HP	—	Half Polished Iron	—	Listed
DB	—	Dead Black	—	Listed

On these finishes hardware is first heat treated with zinc to prevent rusting.

Cast Russwin Metal

A cast metal which is the same material and color throughout. It is Rustless, Stainless and Weather Resisting.

45B	Hammered	Imitation Black Iron	R	Listed
45H	Hammered	Half Polished Iron	R	Listed

For Plain Brass or Plain Bronze hardware when wanted to match above finishes use the following:

25B	Plain	Imitation Black Iron to match Finish 45B	—	3
14EC	Etched	Half Polished Iron to match Finish 45H	—	Special

Night Latch Finishes

WB	Wrinkled	Black	—	Listed
WM	Wrinkled	Maroon Bronze	—	Listed
WL	Wrinkled	Lemon Bronze	—	Listed

Door Closer Finishes

MB	—	Maroon Bronze	—	Listed
SB	—	Silver Bronze	—	Listed
DB	—	Dead Black	—	Listed
PC	—	Prime Coat (for paint)	—	Listed

For Imitation Oxidized Finishes, not electro plated, specify

302	—	To match Finish 02	—	Listed
309	—	To match Finish 09C	—	Listed
MB	—	To match Finishes 11C and 11Z	—	Listed

Case Quantities and Weights

On Lock Sets. Pages 137 to 186 Inclusive

Set No.	Case Quantity	Weight Per Case
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Antony, Cleo, Juno, Lynn, Nile, Reco

0122QY4	3 doz.	105 lbs.
7122CY4	3 doz.	105 lbs.
734QY1	5 doz.	104 lbs.
734ZY1	5 doz.	112 lbs.
731CY1	5 doz.	101 lbs.
731ZY1	5 doz.	116 lbs.

Beacon

7122B2	3 doz.	120 lbs.
734W1	5 doz.	124 lbs.
0389W1	5 doz.	135 lbs.
731B1	5 doz.	115 lbs.
731D1	5 doz.	115 lbs.
01001B1	5 doz.	126 lbs.
01001D1	5 doz.	126 lbs.

Berkeley

0122S6	3 doz.	122 lbs.
7122E6	3 doz.	120 lbs.
7122E2	3 doz.	118 lbs.
734S1	5 doz.	124 lbs.
0389S1	5 doz.	135 lbs.
731E1	5 doz.	110 lbs.
731A1	5 doz.	121 lbs.
01001E1	5 doz.	121 lbs.
01001A1	5 doz.	136 lbs.
0223S1	5 doz.	104 lbs.
0221E1	5 doz.	98 lbs.
0221F1	5 doz.	98 lbs.
155	3 doz.	35 lbs.
151	3 doz.	33 lbs.

Clyde

734W1	5 doz.	124 lbs.
0389W1	5 doz.	135 lbs.
731B1	5 doz.	113 lbs.
731D1	5 doz.	113 lbs.
01001B1	5 doz.	123 lbs.
01001D1	5 doz.	123 lbs.

Dorset

734W1	5 doz.	129 lbs.
0389W1	5 doz.	140 lbs.
731B1	5 doz.	118 lbs.
731D1	5 doz.	118 lbs.
01001B1	5 doz.	128 lbs.
01001D1	5 doz.	128 lbs.

Set No.	Case Quantity	Weight Per Case
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Essington

734W1	5 doz.	124 lbs.
0389W1	5 doz.	135 lbs.
731B1	5 doz.	115 lbs.
731D1	5 doz.	115 lbs.
01001B1	5 doz.	125 lbs.
01001D1	5 doz.	125 lbs.

Gem

7122D2	3 doz.	120 lbs.
734W1	5 doz.	124 lbs.
0389W1	5 doz.	135 lbs.
731D1	5 doz.	115 lbs.
01001D1	5 doz.	126 lbs.

Regent

734W1	5 doz.	123 lbs.
0389W1	5 doz.	138 lbs.
731B1	5 doz.	117 lbs.
731D1	5 doz.	117 lbs.
01001B1	5 doz.	128 lbs.
01001D1	5 doz.	128 lbs.

Royal

734HO1	5 doz.	127 lbs.
734W1	5 doz.	121 lbs.
0389HO1	5 doz.	134 lbs.
0389W1	5 doz.	132 lbs.
731BO1	5 doz.	120 lbs.
731B1	5 doz.	118 lbs.
731D1	5 doz.	118 lbs.
01001BO1	5 doz.	131 lbs.
01001B1	5 doz.	129 lbs.
01001D1	5 doz.	129 lbs.

Roxbury

0122S8	3 doz.	122 lbs.
7122E6	3 doz.	120 lbs.

Set No.	Case Quantity	Weight Per Case
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Roxbury—Cont'd

7122E2	3 doz.	118 lbs.
734S1	5 doz.	116 lbs.
0389S1	5 doz.	127 lbs.
731E1	5 doz.	106 lbs.
731F1	5 doz.	106 lbs.
731A1	5 doz.	125 lbs.
01001E1	5 doz.	117 lbs.
01001F1	5 doz.	117 lbs.
01001A1	5 doz.	132 lbs.
0223S1	5 doz.	102 lbs.
0221E1	5 doz.	96 lbs.
0221F1	5 doz.	96 lbs.
155	3 doz.	35 lbs.
151	3 doz.	33 lbs.

Sterling

734W1	5 doz.	135 lbs.
0389W1	5 doz.	146 lbs.
731D1	5 doz.	125 lbs.
01001D1	5 doz.	136 lbs.

Thermia

734H1	5 doz.	118 lbs.
0389H1	5 doz.	129 lbs.
731B1	5 doz.	108 lbs.
01001B1	5 doz.	119 lbs.

Wellington

734W1	5 doz.	124 lbs.
0389W1	5 doz.	135 lbs.
731B1	5 doz.	114 lbs.
731D1	5 doz.	114 lbs.
01001B1	5 doz.	125 lbs.

Octo

734H1	5 doz.	106 lbs.
0389H1	5 doz.	117 lbs.
731B1	5 doz.	90 lbs.
01001B1	5 doz.	102 lbs.
01001D1	5 doz.	125 lbs.

Case Quantities and Weights

On Lock Sets. Pages 137 to 186 Inclusive

Set No.	Case Quantity	Weight Per Case
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Cylinder Sectional Mortise Lock Sets

11248RY10	12 only	65 lbs.
11248RJY10	12 only	69 lbs.
11248½RY10	12 only	63 lbs.
11248½RJY10	12 only	66 lbs.

Mortise Lock Sets For French Doors

141	3 doz.	51 lbs.
144	3 doz.	68 lbs.
145	3 doz.	54 lbs.
148	3 doz.	68 lbs.
156	3 doz.	68 lbs.
159	3 doz.	68 lbs.

Mortise Lock Sets For Bathroom Doors

0223G3	5 doz.	88 lbs.
0223G4	5 doz.	103 lbs.

Set No.	Case Quantity	Weight Per Case
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Bit-Key Sectional Mortise Lock Sets

731F20	5 doz.	96 lbs.
731FF20	5 doz.	96 lbs.
734AA20	5 doz.	108 lbs.
0334K20	5 doz.	107 lbs.
0334KY20	5 doz.	107 lbs.
3734W	5 doz.	107 lbs.
3934W	5 doz.	107 lbs.
4034	5 doz.	116 lbs.
4434	5 doz.	123 lbs.
0370AA20	5 doz.	146 lbs.
6234	5 doz.	131 lbs.
120-89	5 doz.	116 lbs.
323-70	5 doz.	153 lbs.
338-70	5 doz.	131 lbs.
346-70	5 doz.	146 lbs.
351-70	5 doz.	160 lbs.
378-34	5 doz.	100 lbs.
581-70	5 doz.	153 lbs.
555-31	5 doz.	112 lbs.
558-34	5 doz.	112 lbs.
755-31	5 doz.	112 lbs.

Set No.	Case Quantity	Weight Per Case
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Rim Knob Lock Sets

4800P	5 doz.	113 lbs.
4800J	5 doz.	113 lbs.
4800SJ	5 doz.	90 lbs.
4800SK	5 doz.	90 lbs.
4800SFJ	5 doz.	90 lbs.
4800T	5 doz.	98 lbs.
4801AI	5 doz.	98 lbs.
4801EI	5 doz.	98 lbs.
4200P	5 doz.	116 lbs.
4200J	5 doz.	116 lbs.
4200SJ	5 doz.	93 lbs.
4200SK	5 doz.	93 lbs.
4200SFJ	5 doz.	93 lbs.

Example of a Stock Order Properly Specified

SPECIFY . . .

- 1st. Quantity (10, 25, 100, etc.).
- 2nd. Unit of Quantity—(Only, pair, sets, dozen, gross).
- 3rd. Number—(Catalogue number).
- 4th. Article—(Name of item).
- 5th. Size, Description or Design—as Butts,
5 x 5. Type of Strike on Casement Fast. Cleo.
- 6th. Finish—(Use symbol numbers, as F9).
- 7th. Special instructions, if any.

- 10 Only No. 11248QY2 Cleo Locksets F11C.
- 20 Only No. 0122QY4 Cleo Locksets F11C.
- 50 Doz. No. 734QY1 Cleo Locksets F9C.
- 100 Doz. No. 731CY1 Cleo Locksets F9C.
- 10 Only No. 11248WY2 Reco Locksets F11C.
- 10 Only No. 0122WY4 Reco Locksets F11C.
- 36 Only No. 7122DY4 Reco Locksets F11C.
- 6 Only No. 3298 Copley Ent. Handle Sets F11C.
- 12 Only No. G3313 Copley Ent. Handle Sets F11C.
- 10 Only No. 1139 Berkeley Ent. Handle Sets F9.
- 10 Doz. No. 1290 Night Latches.

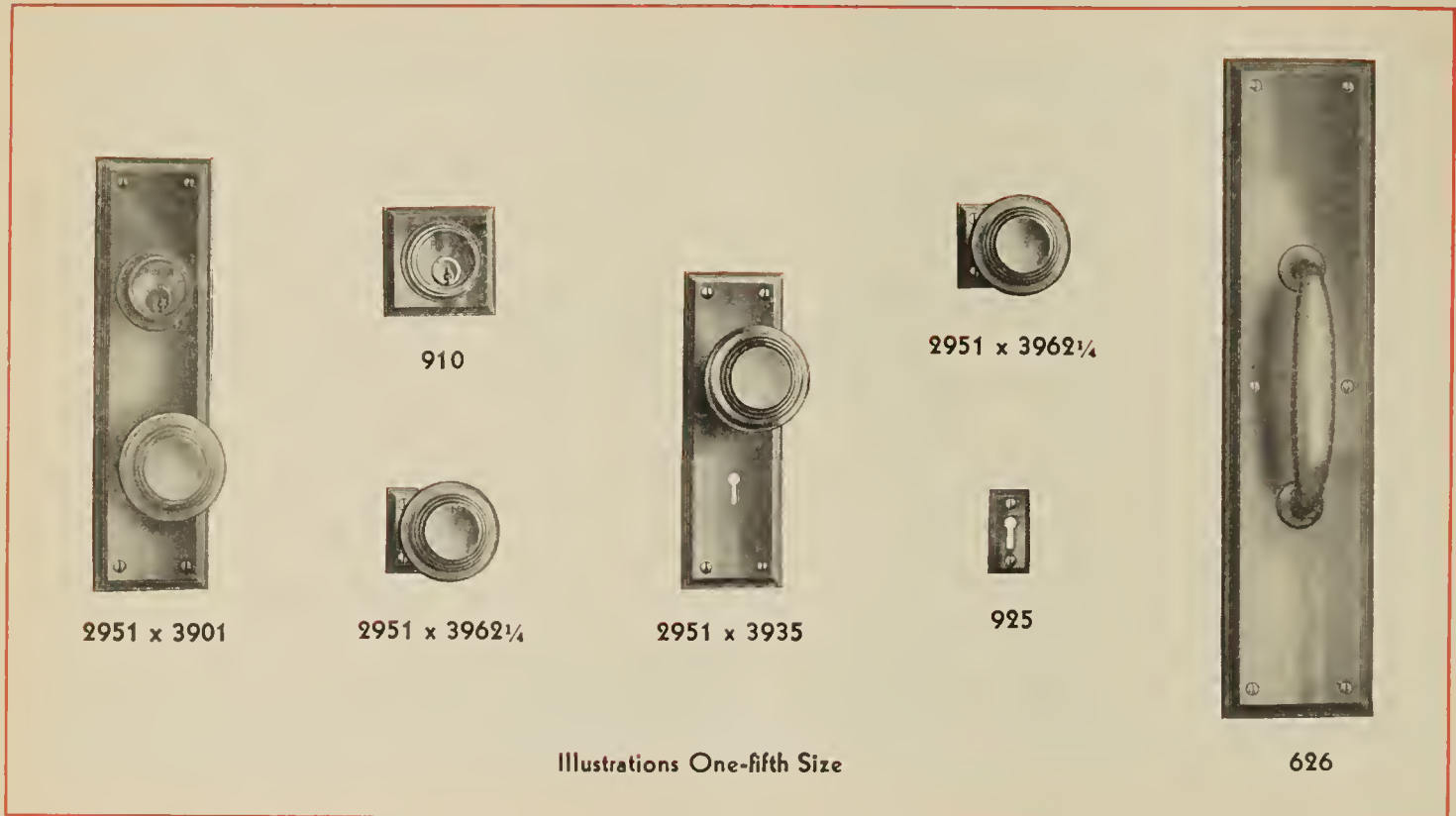
- 6 Doz. No. 100 Night Latches.
- 24 Only No. 200 Garage Door Locks.
- 24 Only No. 300 Garage Door Locks.
- 36 Only No. 194—12 in. Flush Bolts F9.
- 15 Doz. No. 0717—6 in. Surface Bolts F9 with Universal,
2 and 4 Strikes.
- 15 Doz. No. 0717—9 in. Surface Bolts F9 with Universal,
2 and 4 Strikes.
- 48 Pair No. 80—4 x 4 Butts F9.
- 48 Pair No. 80—4 x 4 Butts F14.
- 24 Doz. No. 440 Cupboard Catches F9.
- 6 Doz. No. 565 Screen Door Catches F9.
- 12 Only "B" Door Closers FMB.
- 24 Only "C" Door Closers FMB.
- 8 Only "D" Door Closers FMB.
- 12 Doz. No. 181M Case Fast. F14.
- 12 Doz. No. 110 Sash Fast. F9.
- 100 Only No. 35½—4' Transom Lifts F9.
- 24 Doz. No. 033 Sash Lifts F9.
- 48 Only No. 201 Door Stops F9.
- 48 Only No. 201 Door Stops F14.

See page 4, also.

DESIGNS
IN
CAST BRASS
OR
BRONZE

School: Modern **Aetna Design** [Symbol Aetna]

Cast Brass or Bronze



Suggested Finishes: 11C, 11D, 11Z, 13, 24, 34, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3962 1/4	2 1/4 x 2 1/4 in.	Door Knob Roses, Square.
910	2 3/8 x 2 3/8 in.	Cylinder Collar, Square.
3901	9 1/2 x 2 3/8 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3903	7 1/4 x 2 3/8 in.	Escutcheon for Cylinder Locks, Inside, 5 1/2 in. and larger.
3940	7 1/4 x 2 3/8 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	7 1/4 x 2 3/8 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	2 x 1 in.	Escutcheon for Bit-Key Locks (Key Plate).
616	15 x 3 1/2 in.	Push Plate.
626	15 x 3 1/2 in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).
1421 †	2 3/4 x 9 9/16 in.	Letter Box Plate, Outside, Horizontal Opening 7 x 1 1/2 in.
1421 1/2 †	2 9/16 x 9 9/16 in.	Letter Box Hood, Inside.
1424 1/2	9 1/2 x 2 3/4 in.	Letter Chutes, with Vertical Plates for 1 3/4 in. Door. Opening, 7 x 1 1/2 in. Hinged at Top.

For Dummy Cylinders, prefix "D" to number.

† Can be furnished with Cast Chutes for 1 3/4 inch doors.

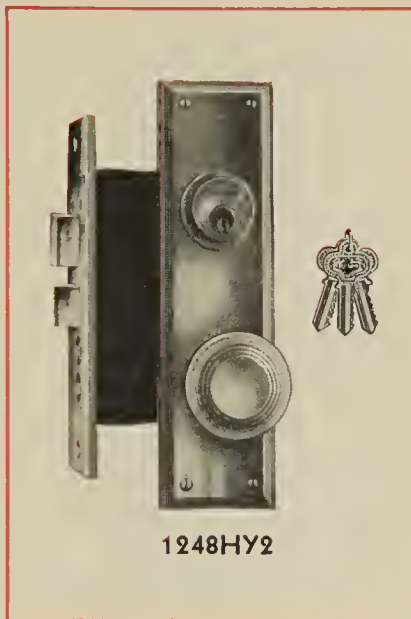
For Escutcheons with Turn Knobs, prefix "T" to number; Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Modern **Aetna Design** [Symbol Aetna]

Front and Vestibule Door Sets



Set Number	Lock	Page	Knobs	Escutcheons
1238HY2	1238	267	2951	3901 x T3903
1238½HY2	1238½	267	2951	3901 x B3903
1248HY2	1248	268	2951	3901 x T3903
1248½HY2	1248½	268	2951	3901 x B3903

Office Door Sets

1238½MHY6	1238½M	267	2951	3901 x B3901
1239½MHY6*	1239½M	268	2951	3901 x B3901
11456MHY6*	11456M	266	2951	3901 x B3901

*Specify hand



Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370¾HY1	0370¾	297	2951	3935 x 3935
0374¾HY1	0374¾	295	2951	3940 x 3940
380¾HY1	380¾	295	2951	3935 x 3935
382¾HY1	382¾	296	2951	3940 x 3940
384¾HY1	384¾	295	2951	3940 x 3940

Latch Sets

029HY1	029	311	2951	B3935 x B3935
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Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233½HY1	233½	292	2951	T3935 x T3935
0019¾HY1	0019¾	289	2951	3940 x T3940
0022¾MHY1	0022¾M	289	2951	3940 x T3940

Substituting Screwless Knob No. 3951, change letter from HY to HS.

One set in a box, with screws.

Illustrations One-fifth Size

School: Mission

Alamo Design [Symbol Amo.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, 32, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
3951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Screwless Shank, $\frac{5}{16}$ in. Spindle No. 30.
3952 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Door Knob Roses, Round.
3900	12 x 3 $\frac{1}{2}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3901	9 x 2 $\frac{1}{2}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3902*	7 x 2 $\frac{1}{4}$ in.	Escutcheon for Cylinder Locks, Inside.
3940	7 x 2 $\frac{1}{4}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
3935	7 x 2 $\frac{1}{4}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
938	5 $\frac{1}{2}$ x 1 $\frac{1}{4}$ in.	Escutcheon for Mortise Locks, with 060 $\frac{1}{2}$ Lever.
925	2 x 1 $\frac{1}{4}$ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 x 1 $\frac{1}{4}$ in.	Turn Knob, $\frac{3}{16}$ in. Spindle.
454	1 $\frac{1}{2}$ x 3 $\frac{5}{8}$ in.	Sash Lift, Flush.
525	1 $\frac{1}{2}$ x 4 $\frac{3}{4}$ in.	Sash Lift, Bar.
600	2 $\frac{5}{8}$ x 1 $\frac{1}{2}$ in.	Push Button.
615	12 x 3 $\frac{1}{2}$ in.	Push Plate.
625	12 x 3 $\frac{1}{2}$ in.	Door Pull, with Grip No. 780 (For other Grips, see pages 486 to 489).

*Cannot be cut for Cylinder.

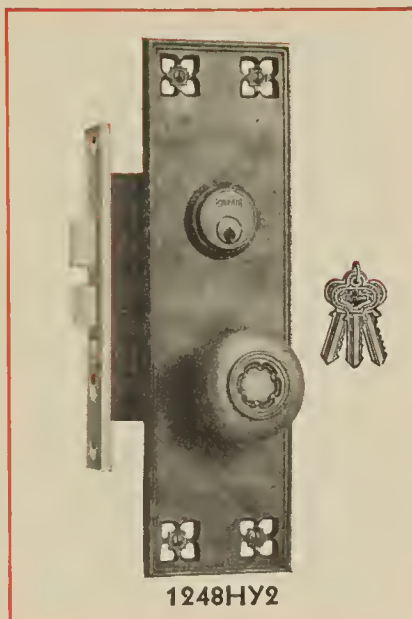
For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Mission

Alamo Design [Symbol Amo.]**Front and Vestibule Door Sets**

Set Number	Lock	Page	Knobs	Escutcheons
1248HY2	1248	268	2951	3900 x T3902
1248½HY2	1248½	268	2951	3900 x B3902

Office Door Sets

1238½MHY6	1238½M	267	2951	3901 x 3901
1239½MHY6*	1239½M	268	2951	3901 x 3901
11456MHY6*	11456M	266	2951	3901 x 3901

*Specify hand.

Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370¾HY1	0370¾	297	2951	3935 x 3935
0374¾HY1	0374¾	295	2951	3940 x 3940
380¾HY1	380¾	295	2951	3935 x 3935
382¾HY1	382¾	296	2951	3940 x 3940
384¾HY1	384¾	295	2951	3940 x 3940

Latch Sets

029HY1	029	311	2951	B3935 x B3935
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Bath and Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233½HY1	233½	292	2951	T3935 x T3935
0019¾HY1	0019¾	289	2951	3940 x T3940
0022¾MHY1	0022¾M	289	2951	3940 x T3940

Substituting Screwless Knob No. 3951, change letter from HY to HS.

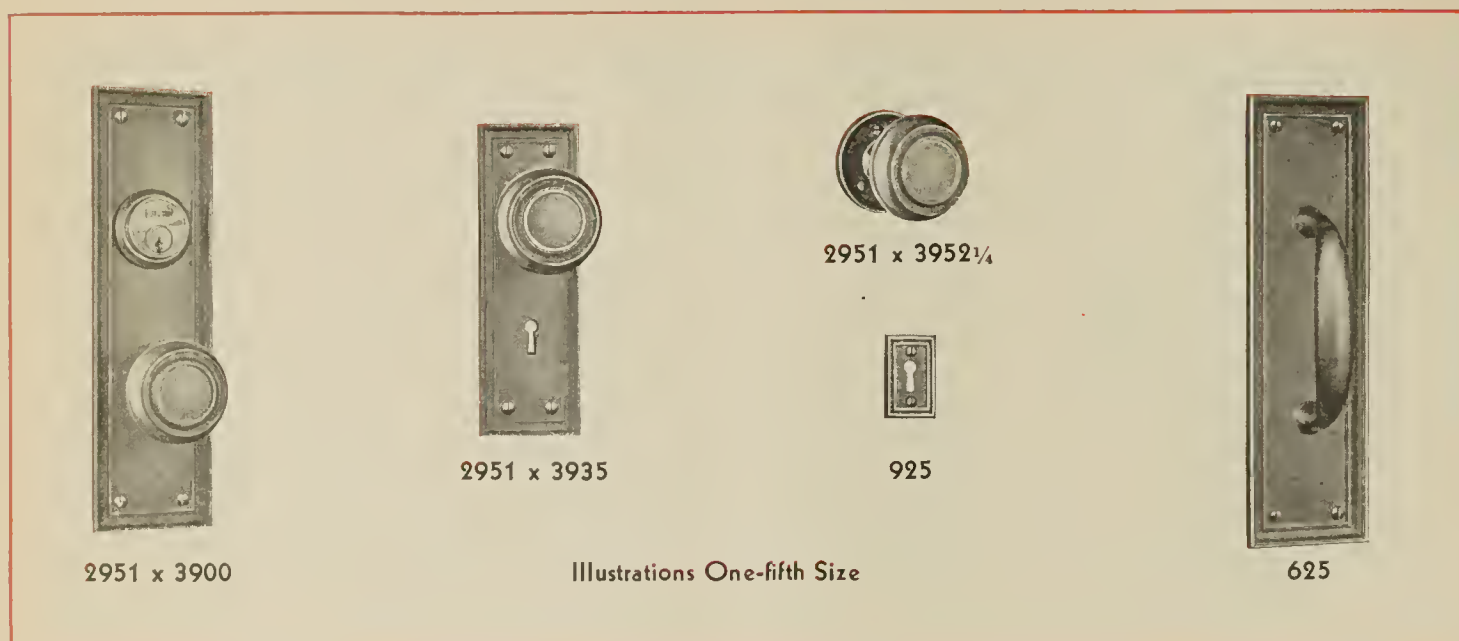
One set in a box, with screws.

For Entrance Handle Sets, see page 198.

Illustrations One-fifth Size

School: Modern **Ardsley Design** [Symbol Ards.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, and 46

Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
3951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Screwless Shank, $\frac{5}{16}$ in. Spindle No. 30.
3952 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Door Knob Roses, Round.
3900	10 x 2 $\frac{3}{4}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3901	8 $\frac{1}{2}$ x 2 $\frac{5}{8}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3903*	7 x 2 $\frac{1}{4}$ in.	Escutcheon for Cylinder Locks, Inside, 5 $\frac{1}{2}$ in. and larger.
3950	8 $\frac{1}{2}$ x 2 $\frac{5}{8}$ in.	Escutcheon for Mortise Locks, 5 in. and larger.
3940	7 x 2 $\frac{1}{4}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
3935	7 x 2 $\frac{1}{4}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
925	2 x 1 $\frac{1}{4}$ in.	Escutcheon for Bit Key Locks (Key-Plate).
920	2 x 1 $\frac{1}{4}$ in.	Turn Knob, $\frac{3}{16}$ in. Spindle.
454	1 $\frac{5}{8}$ x 3 $\frac{1}{2}$ in.	Sash Lift, Flush.
525	1 $\frac{3}{8}$ x 5 $\frac{3}{4}$ in.	Sash Lift, Bar.
600	3 $\frac{1}{2}$ x 1 $\frac{5}{8}$ in.	Push Button.
615	10 x 2 $\frac{3}{4}$ in.	Push Plate.
616	15 x 3 $\frac{1}{2}$ in.	Push Plate.
625	10 x 2 $\frac{3}{4}$ in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
626	15 x 3 $\frac{1}{2}$ in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).
1420	2 $\frac{5}{8}$ x 8 $\frac{1}{2}$ in.	Letter Box Plate, Outside Horizontal, Opening 5 $\frac{1}{4}$ x 1 in.
1420 $\frac{1}{2}$	2 $\frac{5}{8}$ x 8 $\frac{1}{2}$ in.	Letter Box Hood, Inside.
1424 $\frac{1}{2}$	.....	Letter Chutes, with Vertical Plates for 1 $\frac{3}{4}$ in. Door. Opening, 7 x 1 $\frac{1}{2}$ in. Hinged at Top.

*Cannot be cut for cylinder.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Modern **Ardsley Design** [Symbol Ards.]

Front and Vestibule Door Sets



Set Number	Lock	Page	Knobs	Escutcheons
1238HY2	1238	267	2951	3900 x T3903
1238½HY4	1238½	267	2951	3901 x B3903
1248HY2	1248	268	2951	3900 x T3903
1248½HY4	1248½	268	2951	3901 x B3903

Office Door Sets

1238½MHY6	1238½M	267	2951	3901 x B3901
1239½MHY6*	1239½M	268	2951	3901 x B3901
11456MHY6*	11456M	266	2951	3901 x B3901

*Specify hand.

Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370¾HY1	0370¾	297	2951	3935 x 3935
0374¾HY1	0374¾	295	2951	3940 x 3940
380¾HY1	380¾	295	2951	3935 x 3935
382¾HY1	382¾	296	2951	3940 x 3940
384¾HY1	384¾	295	2951	3940 x 3940



Latch Sets

029HY1	029	311	2951	B3935 x B3935
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Bath and Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233½HY1	233½	292	2951	T3935 x T3935
0019¾HY1	0019¾	289	2951	3940 x T3940
0022¾MHY1	0022¾M	289	2951	3940 x T3940

Substituting Screwless Knob No. 3951, change letter from HY to HS.

Unit Locks—Horizontal Type

For Door Stiles not less than 5 in. wide.

Specify hand and thickness of doors on all Unit Locks.



Set Number	For Doors	Page	Knobs	Escutcheons
2150	Front	248	2¼ x 2¼	3⅜ x 4⅞ in.
2156M	Vestibule	248	2¼ x 2¼	3⅜ x 4⅞ in.
2166M	Office	248	2¼ x 2¼	3⅜ x 4⅞ in.
2157M	Office	249	2¼ x 2¼	3⅜ x 4⅞ in.
2166¾M	Office	250	2¼ x 2¼	3⅜ x 4⅞ in.
2159½M	Entrance	251	2¼ x 2¼	3⅜ x 4⅞ in.
2116M	Entrance	252	2¼ x 2¼	3⅜ x 4⅞ in.
2116¼M	Entrance	254	2¼ x 2¼	3⅜ x 4⅞ in.
2134	Commu-	253	2¼ x 2¼	3⅜ x 4⅞ in.
2135	nicating	253	2¼ x 2¼	3⅜ x 4⅞ in.
2145	Latch	253	2¼ x 2¼	3⅜ x 4⅞ in.

One set in a box, with screws.

For Entrance Handle Sets, see page 198.

Illustrations One-fifth Size

School: Modern **Andre Design** [Symbol Andre]

Cast Brass or Bronze



3753



910



3981 x 3982 1/2



925



3981 x 3982 1/2



920

Illustrations One-quarter Size

Suggested Finishes: 10, 11, 11Z, 13, 24, and 34

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
3981	2 1/2 x 1 1/2 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3982 1/2	2 1/2 x 1 1/2 in.	Door Knob Roses.
3753	3 1/4 x 2 1/8 in.	Lever Handle, Screwless Shank, Rose No. 3982 1/4, 5/16 in. Spindle No. 30.
910	2 3/4 x 1 1/8 in.	Cylinder Collar.
925	1 7/8 x 1 1/8 in.	Escutcheon for Bit-Key Lock (Key-Plate).
920	1 7/8 x 1 1/8 in.	Turn Knob, 3/16 in. Spindle.
600	2 3/4 x 2 1/8 in.	Push Button.

For Dummy Cylinders, prefix "D."

For Entrance Handle Sets, see page 188.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: French Renaissance

Beaumont Design [Symbol Beau.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
950	1 1/2 in.	Mortise Bolt Knob, Rose No. 951 1/2, Spindle No. 5.
3900	11 x 3 1/4 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3940	9 x 2 1/2 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	9 x 2 1/2 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	2 3/4 x 1 1/4 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 3/4 x 1 1/4 in.	Turn Knob, 3/16 in. Spindle.
454	1 3/4 x 5 3/8 in.	Sash Lift, Flush.
525	1 5/8 x 6 3/4 in.	Sash Lift, Bar.
600	5 x 1 3/4 in.	Push Button.
615	11 x 3 1/4 in.	Push Plate.
616	20 1/4 x 4 in.	Push Plate.
625	11 x 3 1/4 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
626	20 1/4 x 4 in.	Door Pull, with Grip No. 076 1/4 (For other Grips, see pages 486 to 489).

For Entrance Handle Sets, see page 198.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Italian Renaissance

Bramante Design [Symbol Bram.]

Cast Brass or Bronze



Suggested Finishes: 9C, 10, 11, 11C, 11Z, 13, and 24

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3900	15 x 3 3/4 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3901*	13 x 3 1/4 in.	Escutcheon for Cylinder Locks, Inside.
3950	13 x 3 1/4 in.	Escutcheon for Mortise Locks, 5 in. and larger.
3940	13 x 3 1/4 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	13 x 3 1/4 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	2 3/4 x 1 1/8 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 3/4 x 1 1/8 in.	Turn Knob, 3/16 in. Spindle.
454	1 7/8 x 4 3/4 in.	Sash Lift, Flush.
600	7 1/4 x 2 1/2 in.	Push Button.
615	15 x 3 3/4 in.	Push Plate.
616	18 1/2 x 3 3/4 in.	Push Plate.
625	15 x 3 3/4 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
626	18 1/2 x 3 3/4 in.	Door Pull, with Grip No. 076 1/4 (For other Grips, see pages 486 to 489).

*Cannot be cut for Cylinder.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Gothic **Breslau** [Symbol Bres.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, 16 1/2, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3900	14 x 3 5/8 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3901 *	11 1/4 x 3 1/8 in.	Escutcheon for Cylinder Locks, Inside, 5 1/2 in. and larger.
3950	11 1/4 x 3 1/8 in.	Escutcheon for Mortise Locks, 5 in. and larger.
3940	11 1/4 x 3 1/8 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	11 1/4 x 3 1/8 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	2 3/8 x 3/4 in.	Escutcheon for Bit-Key Locks (Key-Plate).
525	6 x 1 5/8 in.	Sash Lift, Bar.
600	6 x 1 5/8 in.	Push Button.
615	14 x 3 5/8 in.	Push Plate.
616	18 x 3 5/8 in.	Push Plate.
625	14 x 3 5/8 in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).
626	18 x 3 5/8 in.	Door Pull, with Grip No. 774 (For other Grips, see pages 486 to 489).

*Cannot be cut for Cylinder.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; Blank Escutcheons, prefix "B" to number.

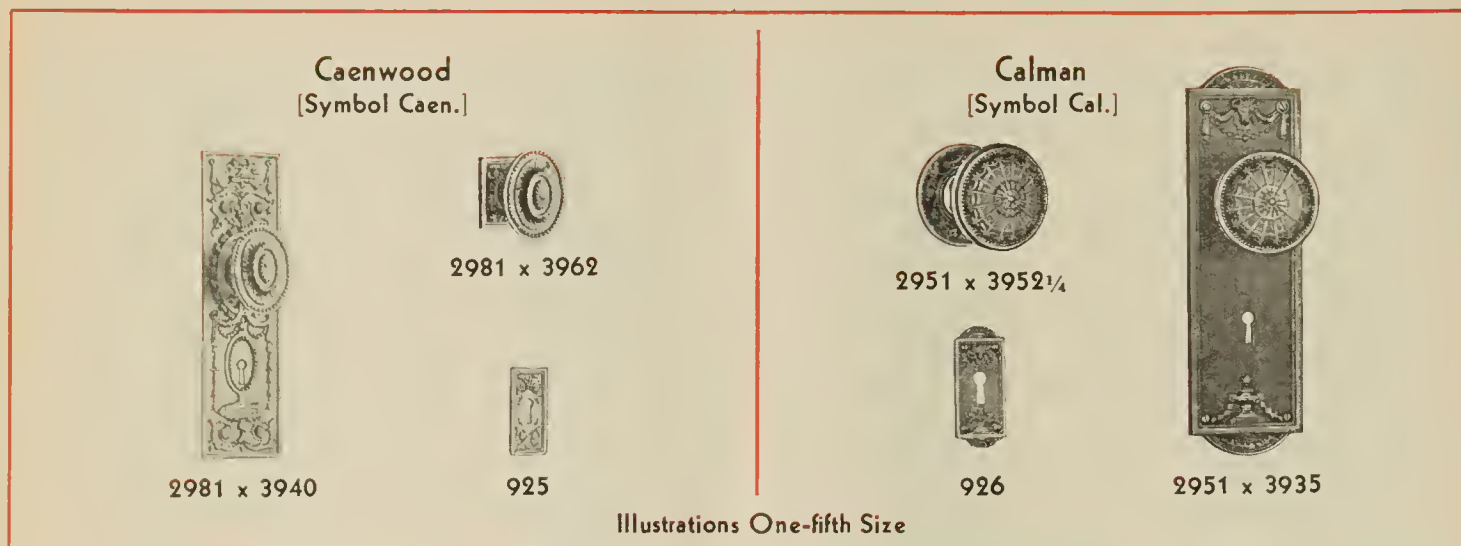
When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Caenwood and Calman

School: Adam

Cast Brass or Bronze



Caenwood Design

Suggested Finishes: 9C, 11C, 14C, and 19

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2981	2½ x 1⅞ in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
3981	2½ x 1⅞ in.	Door Knobs, Screwless Shank, ⅝ in. Spindle No. 30.
3962	2 in.	Door Knob Roses, Square.
3940	8¾ x 2⅜ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
3935	8¾ x 2⅜ in.	Escutcheon for Mortise Locks, 3½ in.
925	2⅝ x 1⅞ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2⅝ x 1⅞ in.	Turn Knob, ⅝ in. Spindle.
454	1½ x 4⅜ in.	Sash Lift, Flush.

Calman Design

Suggested Finishes: 9C, 11C, 11Z, and 13

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2¼ x 2¼ in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
3951	2¼ x 2¼ in.	Door Knobs, Screwless Shank, ⅝ in. Spindle No. 30.
3952¼	2¼ in.	Door Knob Roses, Round.
910	2¼ in.	Cylinder Collar.
3940	8½ x 2¼ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
3935	8½ x 2½ in.	Escutcheon for Mortise Locks, 3½ in.
926	1¾ x 1 in.	Escutcheon for Bit-Key Locks (Key-Plate).
921	1¾ x 1 in.	Turn Knob, ⅝ in. Spindle.
454	1⅜ x 3¾ in.	Sash Lift, Flush.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Moorish **Cadiz** [Symbol Cdz.]

Cast Brass or Bronze



Standard Finish 3, Oxidized Background, High Lights Buffed.
Can be Furnished with any Color Enameled Background with High Lights Buffed
Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
3951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Screwless Shank, $\frac{5}{16}$ in. Spindle No. 30.
3962	2 x 2 in.	Door Knob Roses, Square.
3900	12 x 3 $\frac{1}{4}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3940	7 $\frac{3}{8}$ x 2 $\frac{3}{8}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
3935	7 $\frac{3}{8}$ x 2 $\frac{3}{8}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
925	2 $\frac{1}{4}$ x 1 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 $\frac{1}{4}$ x 1 in.	Turn Knob, $\frac{3}{16}$ in. Spindle.
454	1 $\frac{3}{8}$ x 4 $\frac{1}{2}$ in.	Sash Lift, Flush.
600	4 x 1 $\frac{5}{8}$ in.	Push Button.
615	12 x 3 $\frac{1}{4}$ in.	Push Plate.
616	18 x 3 $\frac{3}{4}$ in.	Push Plate.
625	12 x 3 $\frac{1}{4}$ in.	Door Pull, with Grip No. 774 (For other Grips, see pages 486 to 489).
626	18 x 3 $\frac{3}{4}$ in.	Door Pull, with Grip No. 782 (For other Grips, see pages 486 to 489).

For Dummy Cylinders, prefix "D."
For Escutcheons with Turn Knobs, prefix "T" to number; Blank Escutcheons, prefix "B" to number.
When ordering Escutcheons only, specify lock with which they are to be used.
For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Modern **Cairo Design** [Symbol Cairo]
Cast Brass or Bronze



Suggested Finishes: 11C, 11D, 11Z, 13, 24, 34, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
3951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Screwless Shank, $\frac{5}{16}$ in. Spindle No. 30.
3962 $\frac{1}{8}$	2 $\frac{1}{8}$ x 2 $\frac{1}{8}$ in.	Door Knob Roses, Square.
910	2 $\frac{5}{8}$ x 2 $\frac{3}{16}$ in.	Cylinder Collar, Square.
3901	9 $\frac{7}{8}$ x 2 $\frac{5}{8}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3903	7 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Cylinder Locks, Inside, 5 $\frac{1}{2}$ in. and larger.
3940	7 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
3935	7 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
925	2 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in.	Escutcheon for Bit-Key Locks (Key-Plate).
616	15 x 3 $\frac{1}{2}$ in.	Push Plate.
626	15 x 3 $\frac{1}{2}$ in.	Door Pull, with Grip No. 775.
1421 \dagger	2 $\frac{11}{16}$ x 9 $\frac{15}{16}$ in.	Letter Box Plate, Outside, Horizontal Opening 7 x 1 $\frac{1}{2}$ in.
1421 $\frac{1}{2}$ \dagger	2 $\frac{3}{4}$ x 9 $\frac{15}{16}$ in.	Letter Box Hood, Inside.
1424 $\frac{1}{2}$	9 $\frac{15}{16}$ x 2 $\frac{3}{4}$ in.	Letter Chutes, with Vertical Plates for 1 $\frac{3}{4}$ in. Door. Opening, 7 x 1 $\frac{1}{2}$ in. Hinged at Top.

For Dummy Cylinders, prefix "D" to number.

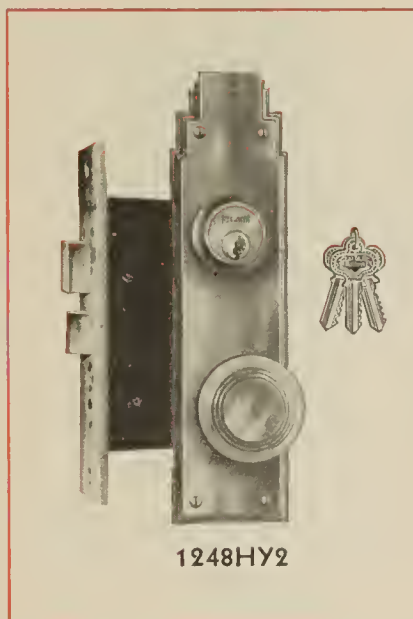
\dagger Can be furnished with Cast Chutes for 1 $\frac{3}{4}$ in. doors.

For Escutcheons with Turn Knobs, prefix "T" to number; Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Modern **Cairo Design** [Symbol Cairo]



Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
1238HY2	1238	267	2951	3901 x T3903
1238½HY2	1238½	267	2951	3901 x B3903
1248HY2	1248	268	2951	3901 x T3903
1248½HY2	1248½	268	2951	3901 x B3903

Office Door Sets

1238½MHY6	1238½M	267	2951	3901 x B3901
1239½MHY6*	1239½M	268	2951	3901 x B3901
11456MHY6*	11456M	266	2951	3901 x B3901

*Specify hand.



Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370¾HY1	0370¾	297	2951	3935 x 3935
0374¾HY1	0374¾	295	2951	3940 x 3940
380¾HY1	380¾	295	2951	3935 x 3935
382¾HY1	382¾	296	2951	3940 x 3940
384¾HY1	384¾	295	2951	3940 x 3940

Latch Sets

029HY1	029	311	2951	B3935 x B3935
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Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233½HY1	233½	292	2951	T3935 x T3935
0019¾HY1	0019¾	289	2951	3940 x T3940
0022¾MHY1	0022¾M	289	2951	3940 x T3940

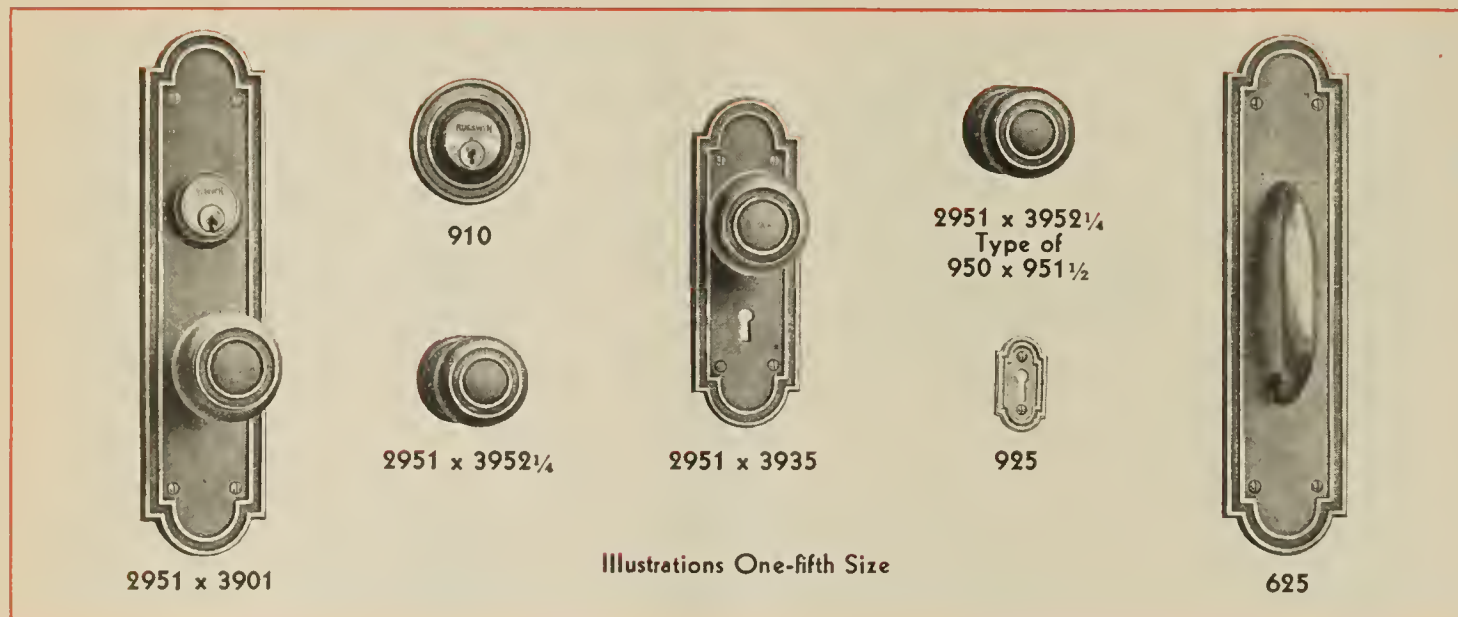
Illustrations One-fifth Size

Substituting Screwless Knob No. 3951, change letter from HY to HS.

One set in a box, with screws.

School: Louis XVI **Camden Design** [Symbol Cam.]

Cast Brass or Bronze



Suggested Finishes: 9C, 10, 11, 11C, 11Z, 13, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
2957	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
3951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Screwless Shank, $\frac{5}{16}$ in. Spindle No. 30.
3957	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Screwless Shank, $\frac{5}{16}$ in. Spindle No. 30.
3952 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Door Knob Roses, Round.
950	1 $\frac{1}{2}$ in.	Mortise Bolt Knob, Rose No. 951 $\frac{1}{2}$. Spindle No. 5.
910	2 $\frac{3}{4}$ in.	Cylinder Collar, Round.
3901	10 $\frac{1}{2}$ x 3 in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3902	9 $\frac{1}{4}$ x 2 $\frac{3}{4}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3903*	9 x 2 $\frac{1}{2}$ in.	Escutcheon for Cylinder Locks, Inside, Blank.
3950	9 x 2 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, 5 in. and larger.
3940	7 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
3935	7 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
3941	7 $\frac{1}{2}$ x 1 $\frac{7}{8}$ in.	Escutcheon for Narrow Mortise Locks.
938	5 $\frac{1}{2}$ x 1 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, with Lever No. 060 $\frac{1}{2}$.
925	2 $\frac{1}{4}$ x 1 $\frac{1}{4}$ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 $\frac{1}{4}$ x 1 $\frac{1}{4}$ in.	Turn Knob, $\frac{3}{16}$ in. Spindle.
454	1 $\frac{1}{2}$ x 4 $\frac{1}{4}$ in.	Sash Lift, Flush.
600	4 $\frac{1}{4}$ x 1 $\frac{1}{2}$ in.	Push Button.
615	12 x 3 in.	Push Plate.
616	17 $\frac{3}{4}$ x 3 in.	Push Plate.
617	16 x 4 in.	Push Plate.
625	12 x 3 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
626	17 $\frac{3}{4}$ x 3 in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).
627	16 x 4 in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).
1420	2 $\frac{1}{2}$ x 9 $\frac{1}{2}$ in.	Letter Box Plate, Outside (Horizontal), Opening 5 $\frac{1}{8}$ x 1 $\frac{5}{16}$ in.
1420 $\frac{1}{2}$	2 $\frac{1}{2}$ x 9 $\frac{1}{2}$ in.	Letter Box Hood, Inside.
1424	9 $\frac{3}{4}$ x 3 in.	Letter Chutes, with Vertical Plates for 1 $\frac{3}{4}$ in. Doors. Opening, 5 $\frac{1}{2}$ x 1 $\frac{1}{2}$ in. Hinged at Top.
1424 $\frac{1}{2}$	.....	Letter Chutes, with Vertical Plates for 1 $\frac{3}{4}$ in. Door. Opening, 7 x 1 $\frac{1}{2}$ in. Hinged at Top.

*Cannot be cut for Cylinder.

For Escutcheons with Turn Knobs, prefix "T" to number, Blank Escutcheons, prefix "B" to number.

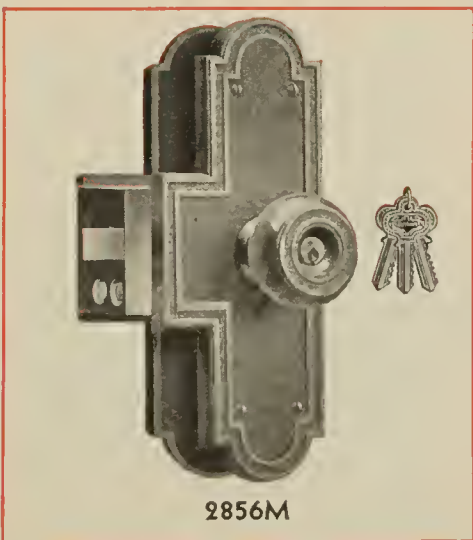
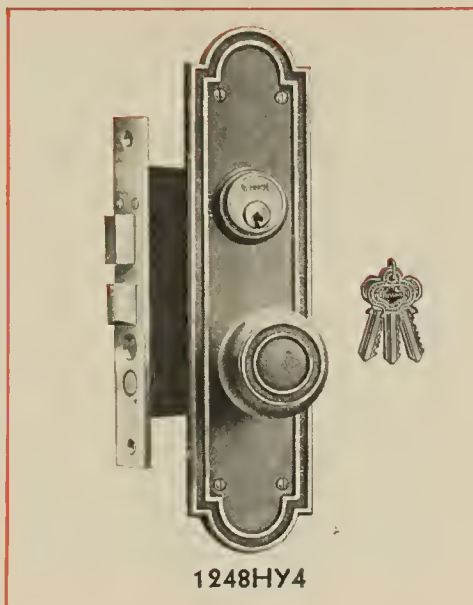
When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

For Dummy Cylinders, prefix "D."

School: Louis XVI

Camden Design [Symbol Cam.]



Illustrations One-fifth Size

Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
1238HY4	1238	267	2951	3901 x T3903
1238 1/2 HY6	1238 1/2	267	2951	3902 x B3903
1248HY4	1248	268	2951	3901 x T3903
1248 1/2 HY6	1248 1/2	268	2951	3902 x B3903

Office Door Sets

1238 1/2 MHY6	1238 1/2 M	267	2951	3902 x B3903
1239 1/2 MHY6*	1239 1/2 M	268	2951	3902 x B3903
11456 MHY6*	11456 M	266	2951	3902 x B3903

* Specify hand.

Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370 3/4 HY1	0370 3/4	297	2951	3935 x 3935
0374 3/4 HY1	0374 3/4	295	2951	3940 x 3940
380 3/4 HY1	380 3/4	295	2951	3935 x 3935
382 3/4 HY1	382 3/4	296	2951	3940 x 3940
384 3/4 HY1	384 3/4	295	2951	3940 x 3940

Latch Sets

029HY1	029	311	2951	B3935 x B3935
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Bath and Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233 1/2 HY1	233 1/2	292	2951	T3935 x T3935
0019 3/4 HY1	0019 3/4	289	2951	3940 x T3940
0022 3/4 MHY1	0022 3/4 M	289	2951	3940 x T3940

Substituting Screwless Knob No. 3951, change letter from HY to HS.
Substituting one piece Wrought Knob No. 2957, change letter from HY to WY.

Unit Locks—Horizontal Type

For Door Stiles not less than 5 in. wide.

Specify hand and thickness of doors on all Unit Locks.

Set Number	For Doors	Page	Knobs	Escutcheons
2150	Front	248	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2156M	Vestibule	248	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2166M	Office	248	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2157M	Office	249	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2166 3/4 M	Office	250	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2159 1/2 M	Entrance	251	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2116M	Entrance	252	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2116 1/4 M	Entrance	254	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2134	Commu-	253	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2135	nicating	253	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2145	Latch	254	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.

Unit Locks—Upright Type

For Door Stiles not less than 4 3/4 in. wide.

Specify hand and thickness of doors on all Unit Locks.

2850	Front	248	2 1/4 x 2 1/4	10 1/4 x 3 in.
2856M	Vestibule	248	2 1/4 x 2 1/4	10 1/4 x 3 in.
2866M	Office	248	2 1/4 x 2 1/4	10 1/4 x 3 in.
2857M	Office	249	2 1/4 x 2 1/4	10 1/4 x 3 in.
2866 3/4 M	Office	250	2 1/4 x 2 1/4	10 1/4 x 3 in.
2859 1/2 M	Entrance	251	2 1/4 x 2 1/4	10 1/4 x 3 in.
2816M	Entrance	252	2 1/4 x 2 1/4	10 1/4 x 3 in.
2816 1/4 M	Entrance	254	2 1/4 x 2 1/4	10 1/4 x 3 in.
2834	Commu-	253	2 1/4 x 2 1/4	10 1/4 x 3 in.
2835	nicating	253	2 1/4 x 2 1/4	10 1/4 x 3 in.
2845	Latch	254	2 1/4 x 2 1/4	10 1/4 x 3 in.

One set in a box, with screws. For Entrance Handle Sets, see pages 188, 198.

School: French Renaissance

Ceres Design [Symbol Cer.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3900	12 x 3 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3901	9 x 3 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3902*	8 1/4 x 2 5/8 in.	Escutcheon for Cylinder Locks, Inside.
3940	8 1/4 x 2 5/8 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	8 1/4 x 2 5/8 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	2 1/8 x 1 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 1/8 x 1 in.	Turn Knob, 5/16 in. Spindle.
454	1 1/2 x 4 in.	Sash Lift, Flush.
600	4 x 1 1/2 in.	Push Button.
615	12 x 3 in.	Push Plate.
616	17 x 4 in.	Push Plate.
625	12 x 3 in.	Door Pull, with Grip No. 780 (For other Grips, see pages 486 to 489).
626	17 x 4 in.	Door Pull, with Grip No. 781 (For other Grips, see pages 486 to 489).
1420	2 9/16 x 7 9/16 in.	Letter Box Plate, Outside, Horizontal Opening, 5 1/2 x 1 1/4 in.
1420 1/2	2 9/16 x 8 9/16 in.	Letter Box Hood, Inside.

*Cannot be cut for Cylinder.

For Dummy Cylinders, prefix "D."

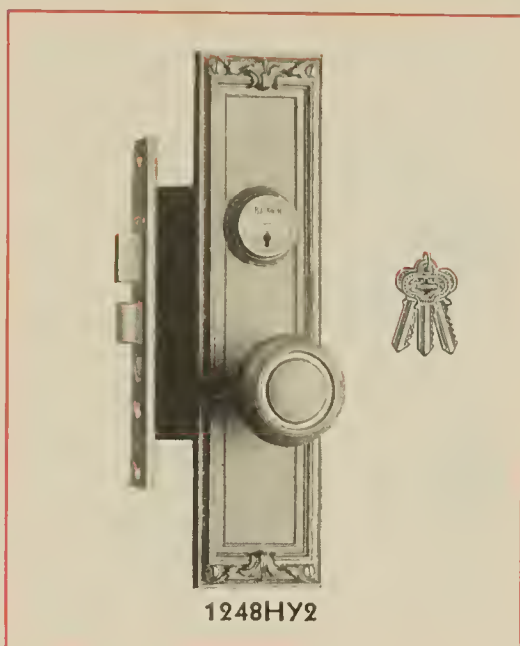
For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: French Renaissance

Ceres Design [Symbol Cer.]



Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
1248HY2	1248	268	2951	3900 x T3902
1248½HY4	1248½	268	2951	3901 x B3902

Office Door Sets

1238½MHY6	1238½M	267	2951	3901 x B3901
1239½MHY6*	1239½M	268	2951	3901 x B3901
11456MHY6*	11456M	266	2951	3901 x B3901

*Specify hand.

Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370¾HY1	0370¾	297	2951	3935 x 3935
0374¾HY1	0374¾	295	2951	3940 x 3940
380¾HY1	380¾	295	2951	3935 x 3935
382¾HY1	382¾	296	2951	3940 x 3940
384¾HY1	384¾	295	2951	3940 x 3940



Latch Sets

029HY1	029	311	2951	B3935 x B3935
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Bath and Communicating Door Sets

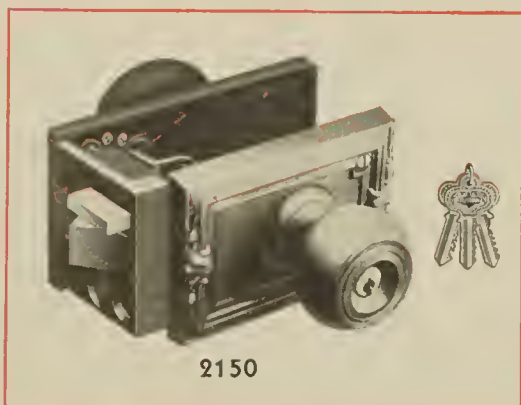
233HY1	233	292	2951	B3935 x T3935
233½HY1	233½	292	2951	T3935 x T3935
0019¾HY1	0019¾	289	2951	3940 x T3940
0022¾MHY1	0022¾M	289	2951	3940 x T3940

Substituting Screwless Knob No. 3951, change letter from HY to HS.

Unit Locks—Horizontal Type

For Door Stiles not less than 5¼ in. wide.

Specify hand and thickness of doors on all Unit Locks.



Set Number	For Doors	Page	Knobs	Escutcheons
2150	Front	248	2¼ x 2¼	3⅜ x 5¼ in.
2156M	Vestibule	248	2¼ x 2¼	3⅜ x 5¼ in.
2166M	Office	248	2¼ x 2¼	3⅜ x 5¼ in.
2157M	Office	249	2¼ x 2¼	3⅜ x 5¼ in.
2166¾M	Office	250	2¼ x 2¼	3⅜ x 5¼ in.
2159½M	Entrance	251	2¼ x 2¼	3⅜ x 5¼ in.
2116M	Entrance	252	2¼ x 2¼	3⅜ x 5¼ in.
2116¼M	Entrance	254	2¼ x 2¼	3⅜ x 5¼ in.
2134	Communi-	253	2¼ x 2¼	3⅜ x 5¼ in.
2135	cating	253	2¼ x 2¼	3⅜ x 5¼ in.
2145	Latch	254	2¼ x 2¼	3⅜ x 5¼ in.

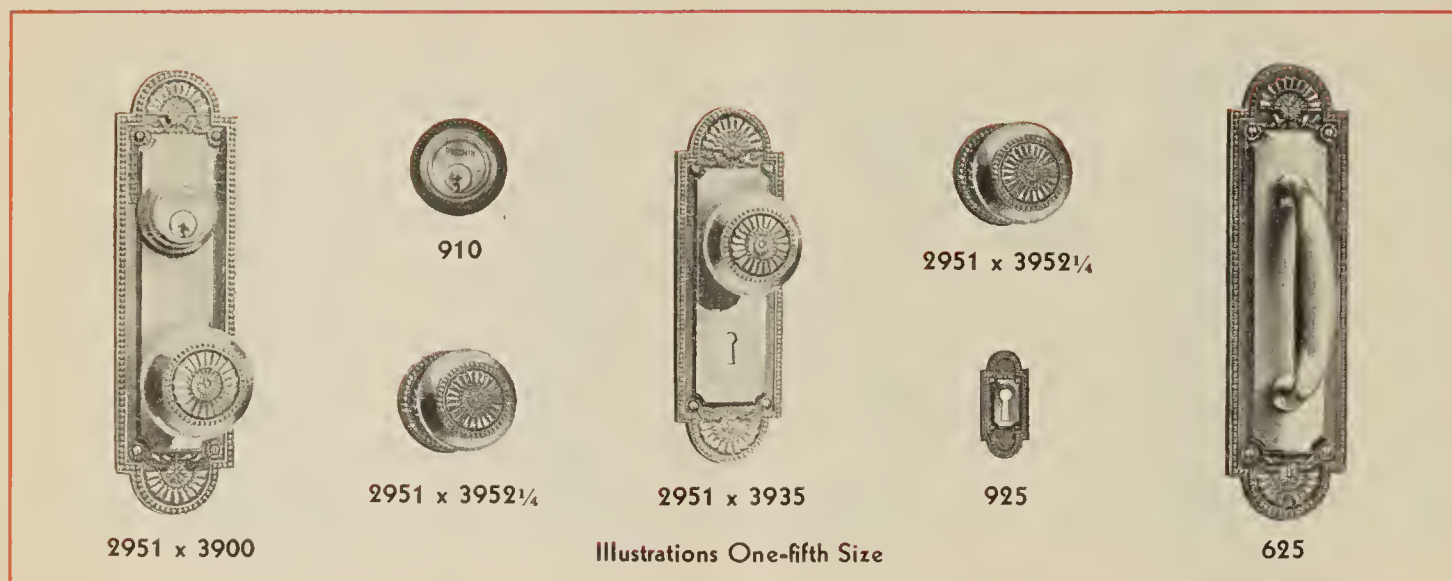
Illustrations One-fifth Size

One set in a box, with screws.

For Entrance Handle Sets, see page 199.

School: Adam **Carlton Design** [Symbol Carl.]

Cast Brass or Bronze



Suggested Finishes: 9C, 10, 11, 11C, 11Z, 13, 14C, and 24

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
3951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Screwless Shank, $\frac{5}{16}$ in. Spindle No. 30.
3952 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Door Knob Roses, Round.
910	2 $\frac{1}{4}$ in.	Cylinder Collar, Round.
3900	10 x 2 $\frac{3}{4}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3901*	8 x 2 $\frac{1}{2}$ in.	Escutcheon for Cylinder Locks, Inside, 5 $\frac{1}{2}$ in. and larger.
3940	8 x 2 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
3935	8 x 2 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
938	6 $\frac{1}{4}$ x 1 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, with Lever No. 060 $\frac{1}{2}$.
925	2 $\frac{1}{2}$ x 1 $\frac{1}{8}$ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 $\frac{1}{2}$ x 1 $\frac{1}{8}$ in.	Turn Knob, $\frac{3}{16}$ in. Spindle.
454	1 $\frac{3}{4}$ x 4 $\frac{5}{8}$ in.	Sash Lift, Flush.
600	4 x 1 $\frac{3}{4}$ in.	Push Button.
615	10 x 2 $\frac{3}{4}$ in.	Push Plate.
616	16 $\frac{3}{4}$ x 3 $\frac{1}{4}$ in.	Push Plate.
625	10 x 2 $\frac{3}{4}$ in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
626	16 $\frac{3}{4}$ x 3 $\frac{1}{4}$ in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).

*Cannot be cut for Cylinder.

Lock Sets

Set Number	Description	Lock	Page	Knobs	Escutcheons
1248HY2	Front Door Set	1248	268	2951	3900 x T3901
1248 $\frac{1}{2}$ HY2	Vestibule Door Set	1248 $\frac{1}{2}$	268	2951	3900 x B3901
380 $\frac{3}{4}$ HY1	Inside Door Set	380 $\frac{3}{4}$	295	2951	3935 x 3935
029HY1	Latch Set	029	311	2951	B3935 x B3935

Substituting Screwless Knob No. 3951, change letter from "HY" to "HS."

One set in a box, with screws.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Clinton and Clodian

School: Colonial

School: Louis XVI

Cast Brass or Bronze



Clinton Design

Suggested Finishes: 9, 10, 11, 11D, 11Z, 13, and 14

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2390	2 5/8 x 1 5/8 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
2981 A	2 1/2 x 1 1/2 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3390	2 5/8 x 1 5/8 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
980	1 3/4 x 1 in.	Mortise Bolt Knob, Rose No. 980, Spindle No. 5.
3901	9 x 2 7/8 in.	Escutcheon for Cylinder Locks, 5 1/2 in. and larger.
3940	7 x 2 1/2 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	7 x 2 1/2 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	1 7/8 x 7/8 in.	Escutcheon for Bit-Key Locks (Key-Plate).
930	1 7/8 x 7/8 in.	Escutcheon for Bit-Key Locks (Key-Plate with drop).
920	1 7/8 x 7/8 in.	Turn Knob, 3/16 in. Spindle.
454	1 1/2 x 4 in.	Sash Lift, Flush.
616	15 x 3 3/4 in.	Push Plate.
626	15 x 3 3/4 in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).

Clodian Design

Suggested Finishes: 9C, 10W, 11C, 11W, 11Z, and 13

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2981 A	2 5/8 x 1 5/8 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3981 A	2 5/8 x 1 5/8 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
F3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3931 1/2	2 1/2 x 1 1/2 in.	Door Knob Roses, with auxiliary spring.
980	2 1/2 x 1 1/4 in.	Mortise Bolt Knob, Rose No. 951 1/2, Spindle No. 5.
910	2 1/4 in.	Cylinder Collar, Round.
925	2 1/8 x 1 1/8 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 1/8 x 1 1/8 in.	Turn Knob, 3/16 in. Spindle.
454	1 5/8 x 3 1/4 in.	Sash Lift, Flush.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

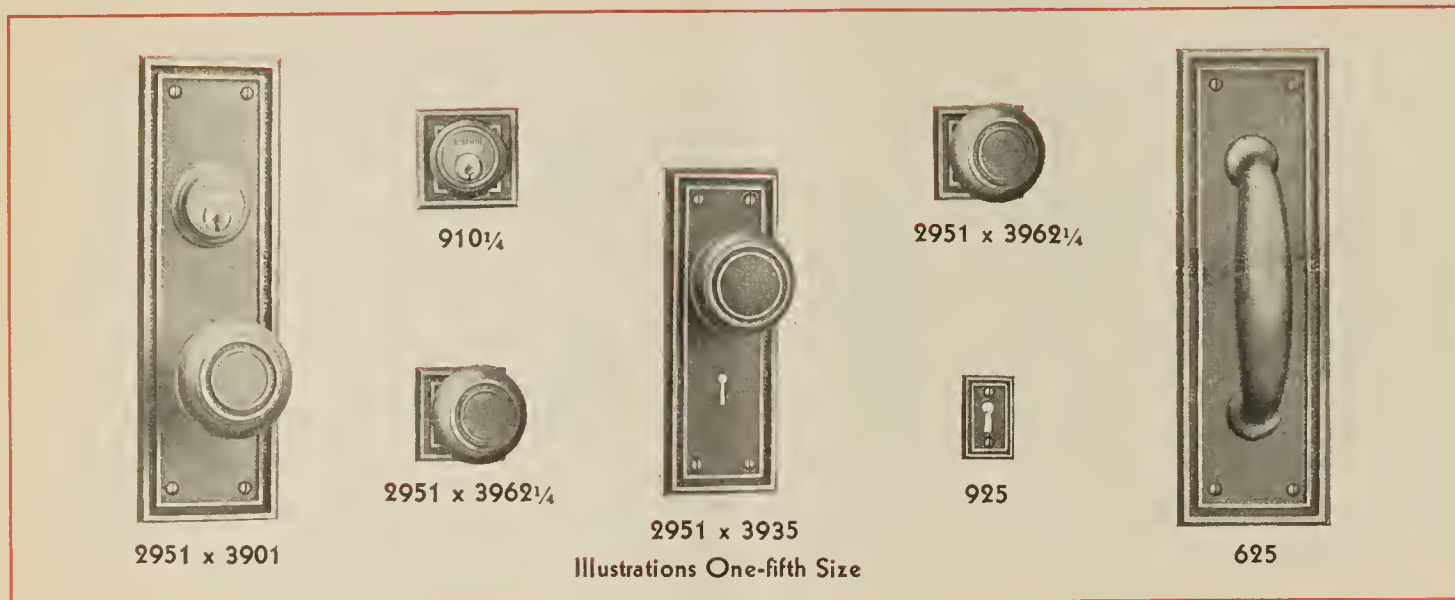
When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Modern

Copley Design [Symbol Cop.]

Cast Brass or Bronze



Suggested Finishes: 9C, 10, 11, 11C, 11Z, 13, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
2957	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3962 1/4	2 1/4 x 2 1/4 in.	Door Knob Roses, Square.
950	1 1/2 in.	Mortise Bolt Knob, Square Rose No. 961 1/2, Spindle No. 5.
910 1/4	2 1/4 x 2 1/4 in.	Cylinder Collar, Square.
3901	10 1/4 x 2 3/4 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3902	9 x 2 3/4 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3903*	7 x 2 1/2 in.	Escutcheon for Cylinder Locks, Inside.
3940	7 x 2 1/2 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	7 x 2 1/2 in.	Escutcheon for Mortise Locks, 3 1/2 in.
3990	3 x 1 1/2 in.	Escutcheon for Latches.
938	5 x 1 1/4 in.	Escutcheon for Mortise Locks, with Lever No. 060 1/2.
925	2 x 1 1/4 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 x 1 1/4 in.	Turn Knob, 3/16 in. Spindle.
454	1 1/2 x 3 in.	Sash Lift, Flush.
525	1 3/4 x 6 in.	Sash Lift, Bar.
600	3 x 1 1/2 in.	Push Button.
615	10 1/4 x 3 1/4 in.	Push Plate.
616	16 x 3 1/4 in.	Push Plate.
617	20 x 4 in.	Push Plate.
625	10 1/4 x 3 1/4 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
626	16 x 3 1/4 in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).
627	20 x 4 in.	Door Pull, with Grip No. 076 1/4 (For other Grips, see pages 486 to 489).
1420	2 1/2 x 7 5/8 in.	Letter Box Plate, Outside, Horizontal Opening, 5 3/16 x 1 5/16 in.
1420 1/2	2 1/2 x 7 5/8 in.	Letter Box Hood, Inside.
1424	9 x 3 in.	Letter Chutes, with Vertical Plates for 1 3/4 in. Door. Opening 5 1/2 x 1 1/2 in. Hinged at Top.
1424 1/2	9 x 3 in.	Letter Chutes with Vertical Plates for 1 3/4 in. Door. Opening, 7 x 1 1/2 in. Hinged at Top.

*Cannot be cut for Cylinder.

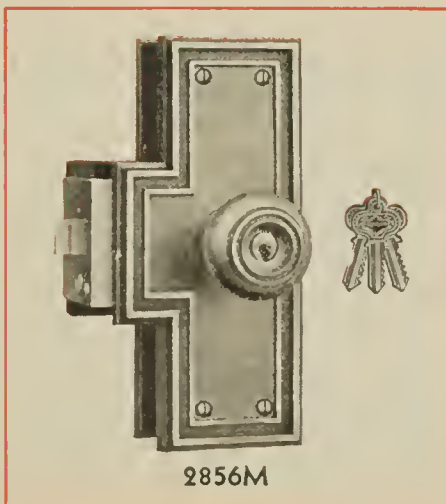
For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number, for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Modern **Copley Design** [Symbol Cop.]



Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
1238HY2	1238	267	2951	3901 x T3903
1238 1/2 HY4	1238 1/2	267	2951	3902 x B3903
1248HY2	1248	268	2951	3901 x T3903
1248 1/2 HY4	1248 1/2	268	2951	3902 x B3903

Office Door Sets

1238 1/2 MHY6	1238 1/2 M	267	2951	3902 x B3902
1239 1/2 MHY6*	1239 1/2 M	268	2951	3902 x B3902
11456MHY6*	11456M	266	2951	3902 x B3902

*Specify hand

Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370 3/4 HY1	0370 3/4	297	2951	3935 x 3935
0374 3/4 HY1	0374 3/4	295	2951	3940 x 3940
380 3/4 HY1	380 3/4	295	2951	3935 x 3935
382 3/4 HY1	382 3/4	296	2951	3940 x 3940
384 3/4 HY1	384 3/4	295	2951	3940 x 3940

Latch Sets

029HY1	029	311	2951	3990 x 3990
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Bath and Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233 1/2 HY1	233 1/2	292	2951	T3935 x T3935
0019 3/4 HY1	0019 3/4	289	2951	3940 x T3940
0022 3/4 MHY1	0022 3/4 M	289	2951	3940 x T3940

Substituting Screwless Knobs No. 3951, change letter from HY to HS.

Unit Locks—Horizontal Type

For Door Stiles not less than 5 in. wide.

Specify hand and thickness of doors on all Unit Locks.

Set Number	For Doors	Page	Knobs	Escutcheons
2150	Front	248	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2156M	Vestibule	248	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2166M	Office	248	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2157M	Office	249	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2166 3/4 M	Office	250	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2159 1/2 M	Entrance	251	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2116M	Entrance	252	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2116 1/4 M	Entrance	254	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2134	Commu-	253	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2135	nicating	253	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2145	Latch	254	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.

Unit Locks—Upright Type

For Door Stiles not less than 4 3/4 in. wide.

Specify hand and thickness of doors on all Unit Locks.

2850	Front	248	2 1/4 x 2 1/4	9 x 3 in.
2856M	Vestibule	248	2 1/4 x 2 1/4	9 x 3 in.
2866M	Office	248	2 1/4 x 2 1/4	9 x 3 in.
2857M	Office	249	2 1/4 x 2 1/4	9 x 3 in.
2866 3/4 M	Office	250	2 1/4 x 2 1/4	9 x 3 in.
2859 1/2 M	Entrance	251	2 1/4 x 2 1/4	9 x 3 in.
2816M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
2816 1/4 M	Entrance	254	2 1/4 x 2 1/4	9 x 3 in.
2834	Commu-	253	2 1/4 x 2 1/4	9 x 3 in.
2835	nicating	253	2 1/4 x 2 1/4	9 x 3 in.
2845	Latch	254	2 1/4 x 2 1/4	9 x 3 in.

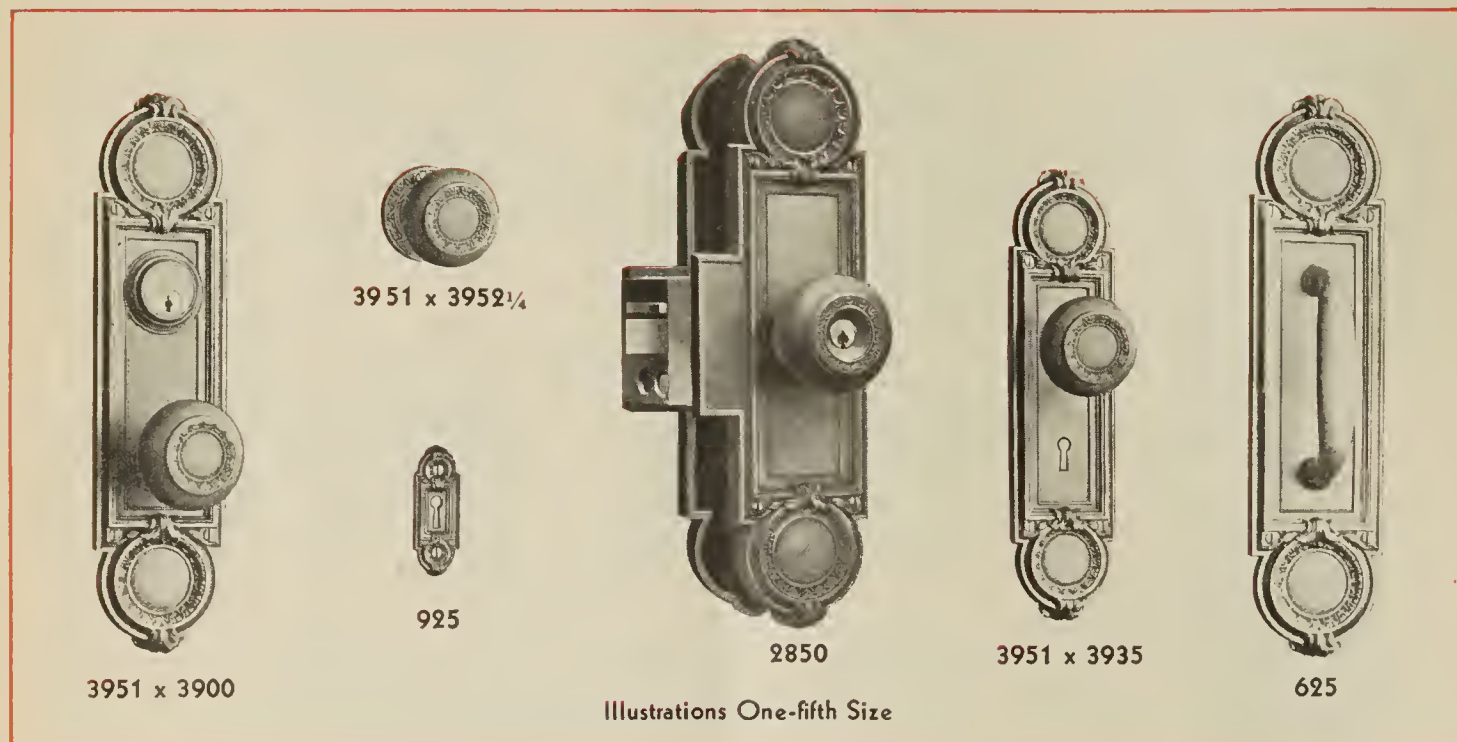
Illustrations One-fifth Size

One set in a box, with screws.

For Entrance Handle Sets, see pages 189, 199.

School: French Renaissance **Darcy Design** [Symbol Dcy.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3900	12 5/8 x 3 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3940	10 1/4 x 2 1/2 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	10 1/4 x 2 1/2 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	3 x 1 1/8 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	3 x 1 1/8 in.	Turn Knob, 3/16 in. Spindle.
454	1 1/2 x 5 1/2 in.	Sash Lift, Flush.
600	5 1/2 x 1 1/2 in.	Push Button.
615	12 5/8 x 3 in.	Push Plate.
625	12 5/8 x 3 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).

Lock Sets

Set Number	Description	Lock	Page	Knobs	Escutcheons
1248HS2	Front Door Set	1248	268	3951	3900 x T3940
1248 1/2 HS2	Vestibule Door Set	1248 1/2	268	3951	3900 x B3940
380 3/4 HS1	Inside Door Set	380 3/4	295	3951	3935 x 3935
029HS1	Latch Set	029	311	3951	B3935 x B3935

Upright Type Unit Locks, for Door Stiles not less than 4 3/4 inches wide, can be furnished in all standard functions. Specify hand and thickness of doors on all Unit Locks.

One set in a box, with screws. For Dummy Cylinders, prefix "D." For Entrance Handle Sets, see page 199.

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

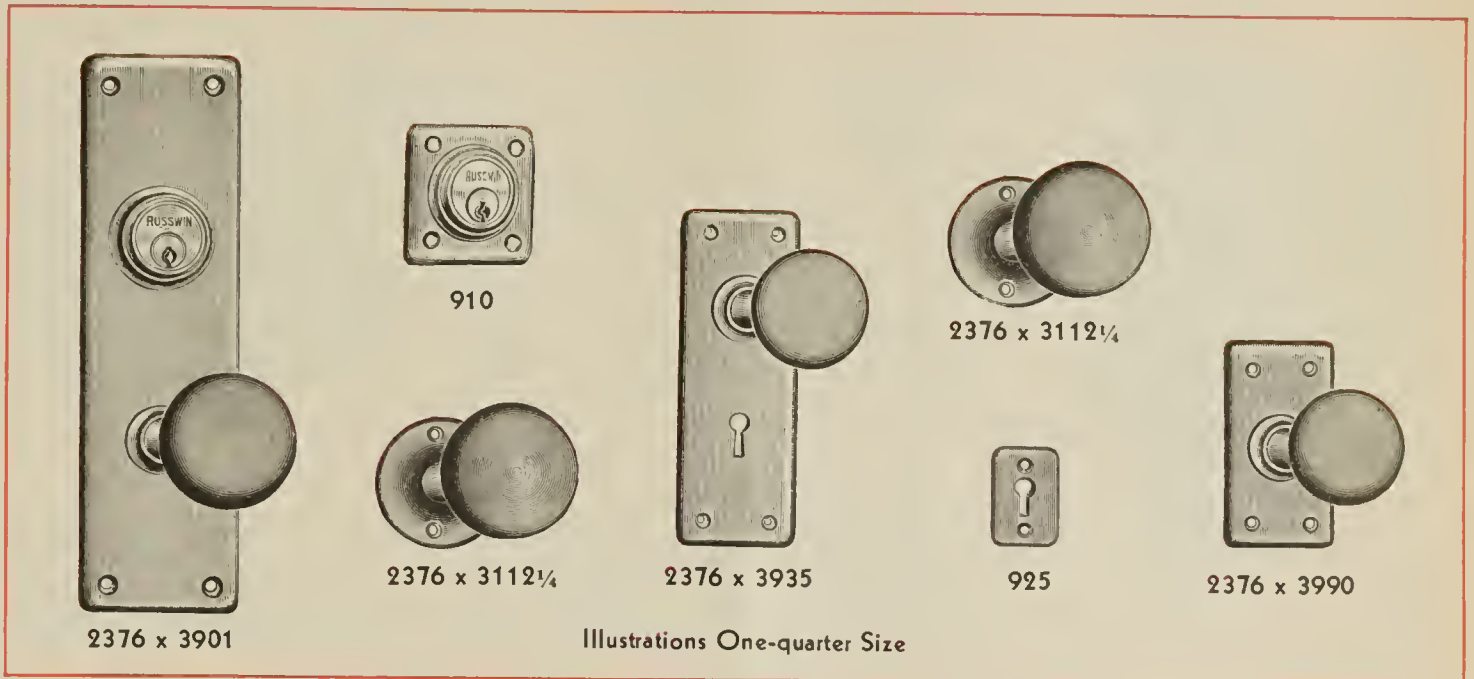
When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Enfield Design

[Symbol En.]

Cast Brass or Bronze



Suggested Finishes: 9, 10, 11, 11D, 11Z, 13, 14, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
910	2 1/2 x 2 1/2 in.	Cylinder Collar, Square.
3901	10 x 2 3/4 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3902	9 x 2 1/2 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3902 1/2	8 x 2 1/2 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3903	7 1/2 x 2 1/4 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
13903	7 1/2 x 2 1/4 in.	Escutcheon for Cylinder Locks, Inside, Spaced for 11213, 11224 and 11248 Locks.
3952	7 1/2 x 2 1/4 in.	Escutcheon for Mortise Locks, 5 in. and larger.
3941	7 1/2 x 2 1/4 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3936	7 1/2 x 2 1/4 in.	Escutcheon for Mortise Locks, 3 1/2 in.
3940	6 x 2 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	6 x 2 in.	Escutcheon for Mortise Locks, 3 1/2 in.
3990	3 3/4 x 2 in.	Escutcheon for Latches.
926	2 x 1 1/2 in.	Escutcheon for Mortise Locks (Key Plate).
925	1 3/4 x 1 1/8 in.	Escutcheon for Mortise Locks.
600	3 1/8 x 1 5/8 in.	Push Button.

Escutcheons can be furnished with Lugs for use on Kalemien Doors, prefix symbol "L" when ordering.

The following items suitable for use with this Design:

Door Knobs, see pages 220, 221.

Door Pulls, see pages 526, 527, 529.

Entrance Handle Sets, see pages 190, 203.

Letter Box Plates, see page 522.

Push Plates, see page 524.

Sash Lifts, see pages 515, 516.

Sliding Door Escutcheon, see page 235.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

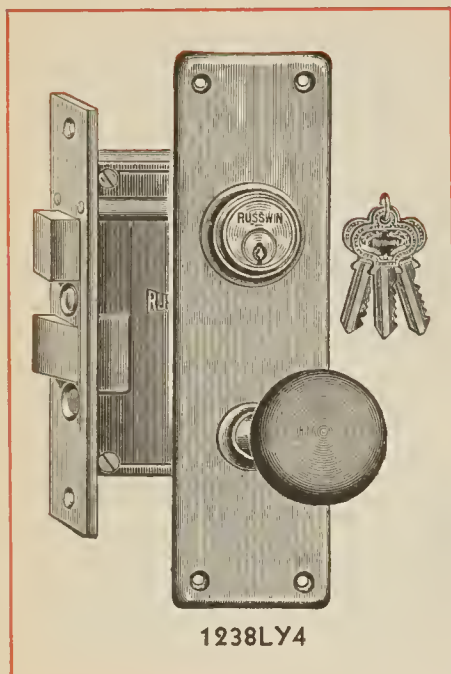
When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Enfield Design

(Symbol En.)

Cylinder Front and Vestibule Door Sets

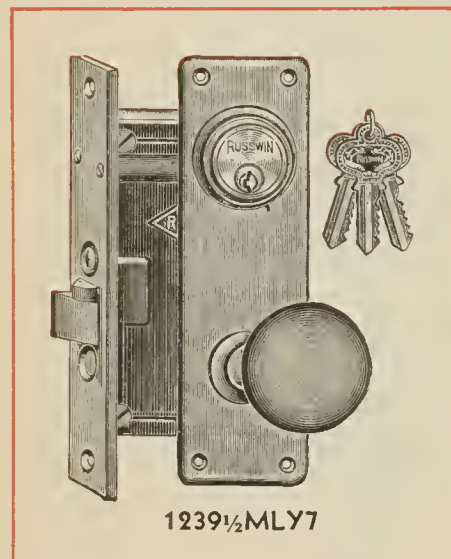


Set Number	Lock	Page	Knobs	Escutcheons
1238LY4	1238	267	2376	3901 x T3903
1238½LY8	1238½	267	2376	3902½ x B3903
1248LY4	1248	268	2376	3901 x T3903
1248½LY5	1248½	268	2376	3903 x B3903
11248LY14	11248	269	2376	3901 x T13903
11248LY15	11248	269	2376	3903 x T13903
11248½LY5	11248½	269	2376	3903 x B3903

Office Door Sets

1238½MLY7	1238½M	267	2376	3902½ x B3902½
1239½MLY7*	1239½	268	2376	3902½ x B3902½
11456MLY7*	11456M	266	2376	3902½ x B3902½

*Specify hand.



Inside Door Sets

0370¾LY1	0370¾	297	2376	3935 x 3935
0370¾LY2	0370¾	297	2376	3936 x 3936
0374¾LY2	0374¾	295	2376	3941 x 3941
380¾LY2	380¾	295	2376	3936 x 3936
382¾LY2	382¾	296	2376	3941 x 3941
384¾LY2	384¾	295	2376	3941 x 3941

Latch Sets

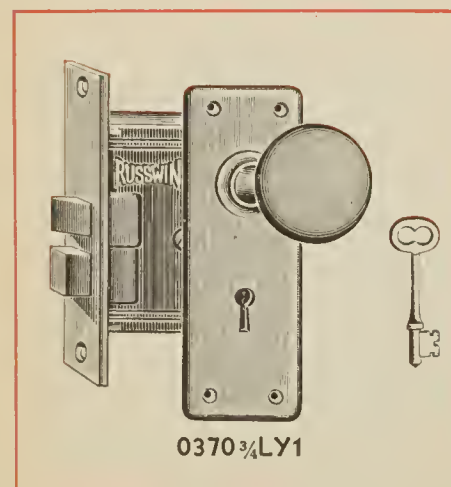
029LY10	029	311	2376	3990 x 3990
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Bath and Communicating Door Sets

233LY1	233	293	2376	B3935 x T3935
233LY2	233	293	2376	B3936 x T3936
233½LY1	233½	293	2376	T3935 x T3935
233½LY2	233½	293	2376	T3936 x T3936
0019¾LY2	0019¾	289	2376	3941 x T3941
0022¾MLY2	0022¾M	289	2376	3941 x T3941

School House (Class Room) Door Sets

00125LY2	00125	307	2376	3941 x 3941
444¾LY2	444¾	307	2376	3952 x 3952



Illustrations One-quarter Size

One set in a box, with screws.

For Entrance Handle Sets, see pages 190, 203.

Enfield Design

[Symbol En.]

Unit Locks—Horizontal Type

For Door Stiles not less than 5 in. wide

Specify hand and thickness of doors on all Unit Locks



2150



2166M



2145

Illustrations One-quarter Size

Set Number	For Doors	Page	Knobs	Escutcheons
2150	Front	248	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2156M	Office or Vestibule	248	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2156 1/2 M	Office or Vestibule	249	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2157M	Office or Vestibule	249	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2157 1/2 M	Office or Vestibule	250	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2166M	Office or Vestibule	248	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2166 1/2 M	Office or Vestibule	249	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2166 3/4 M	Office or Vestibule	250	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2116M	Entrance	252	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
P2116M	Entrance	252	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2116 1/2 M	Entrance	252	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
P2116 1/2 M	Entrance	252	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2117M	Entrance	252	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2117 1/2 M	Entrance	252	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2158M	Entrance	251	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2158 1/2 M	Entrance	251	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
P2158 1/2 M	Entrance	251	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2159M	Entrance	251	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2159 1/2 M	Entrance	251	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2125M	Communicating	253	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2125 1/2 M	Communicating	253	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2134	Communicating	253	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2135	Communicating	253	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2145	Latch	254	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2186M*†	Fire	255	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2187 1/2 M†	Fire	255	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2116 1/4 M	Pipe and Wire Shafts	254	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
P2116 1/4 M	Pipe and Wire Shafts	254	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2117 1/4 M	Pipe and Wire Shafts	254	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2196	Coupon Booth	256	One 2 1/4	3 3/8 x 4 7/8 x 4 3/4 x 4 in.

*Can be furnished with Recessed Front for Reverse Bevel Doors opening out.

†Have 3/4 inch throw on Latch Bolt.

One set in a box, with screws.

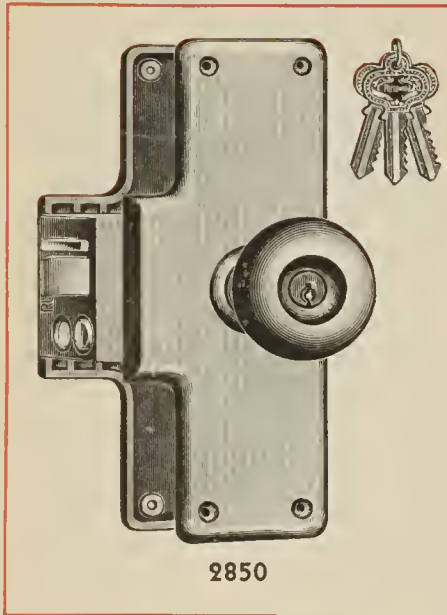
Enfield Design

[Symbol En.]

Unit Locks—Upright Type

For Door Stiles not less than 4 3/4 in. wide.

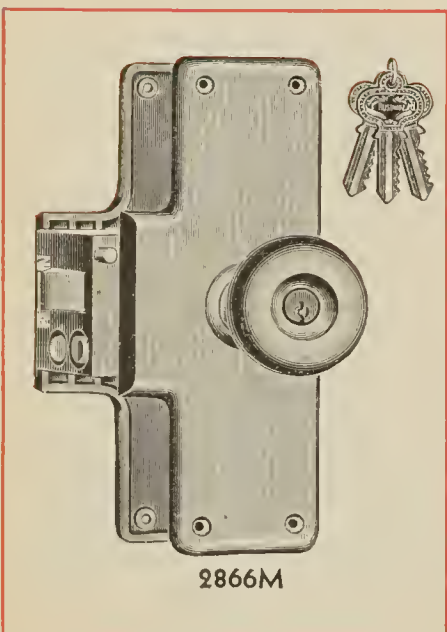
Specify hand and thickness of doors on all Unit Locks.



Set Number	For Doors	Page	Knobs	Escutcheons
2850	Front	248	2 1/4 x 2 1/4	9 x 3 in.
2856M	Vestibule	248	2 1/4 x 2 1/4	9 x 3 in.
2857M	Office	249	2 1/4 x 2 1/4	9 x 3 in.
2866M	Office	248	2 1/4 x 2 1/4	9 x 3 in.
2866 3/4 M	Office	250	2 1/4 x 2 1/4	9 x 3 in.
2816M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
P2816M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
2816 1/2 M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
P2816 1/2 M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
2817M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
2817 1/2 M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
2858 1/2 M	Entrance	251	2 1/4 x 2 1/4	9 x 3 in.
P2858 1/2 M	Entrance	250	2 1/4 x 2 1/4	9 x 3 in.
2859 1/2 M	Entrance	251	2 1/4 x 2 1/4	9 x 3 in.
2834	Communicating	253	2 1/4 x 2 1/4	9 x 3 in.
2835	Communicating	253	2 1/4 x 2 1/4	9 x 3 in.
2845	Latch	254	2 1/4 x 2 1/4	9 x 3 in.
2886M*†	Fire	255	2 1/4 x 2 1/4	9 x 3 in.
2887 1/2 M†	Fire	255	2 1/4 x 2 1/4	9 x 3 in.
2816 1/4 M	Pipe and Wire Shafts	254	2 1/4 x 2 1/4	9 x 3 in.
P2816 1/4 M	Pipe and Wire Shafts	254	2 1/4 x 2 1/4	9 x 3 in.
2817 1/4 M	Pipe and Wire Shafts	254	2 1/4 x 2 1/4	9 x 3 in.

*Can be furnished with Recessed Front for Reverse Bevel Doors opening out.

†Have 3/4 inch throw on Latch Bolt.



Unit Locks—Upright Type

Style of 2800 Series, Escutcheons 1 inch shorter.

For Door Stiles not less than 4 3/4 in. wide.

12850	Front	248	2 1/4 x 2 1/4	8 x 3 in.
12856M	Vestibule	248	2 1/4 x 2 1/4	8 x 3 in.
12866M	Office	248	2 1/4 x 2 1/4	8 x 3 in.
12857M	Office	249	2 1/4 x 2 1/4	8 x 3 in.
12866 3/4 M	Office	250	2 1/4 x 2 1/4	8 x 3 in.
12859 1/2 M	Entrance	251	2 1/4 x 2 1/4	8 x 3 in.
12816M	Entrance	254	2 1/4 x 2 1/4	8 x 3 in.
12834	Communicating	253	2 1/4 x 2 1/4	8 x 3 in.
12835	Communicating	253	2 1/4 x 2 1/4	8 x 3 in.
12845	Latch	254	2 1/4 x 2 1/4	8 x 3 in.

Illustrations One-quarter Size

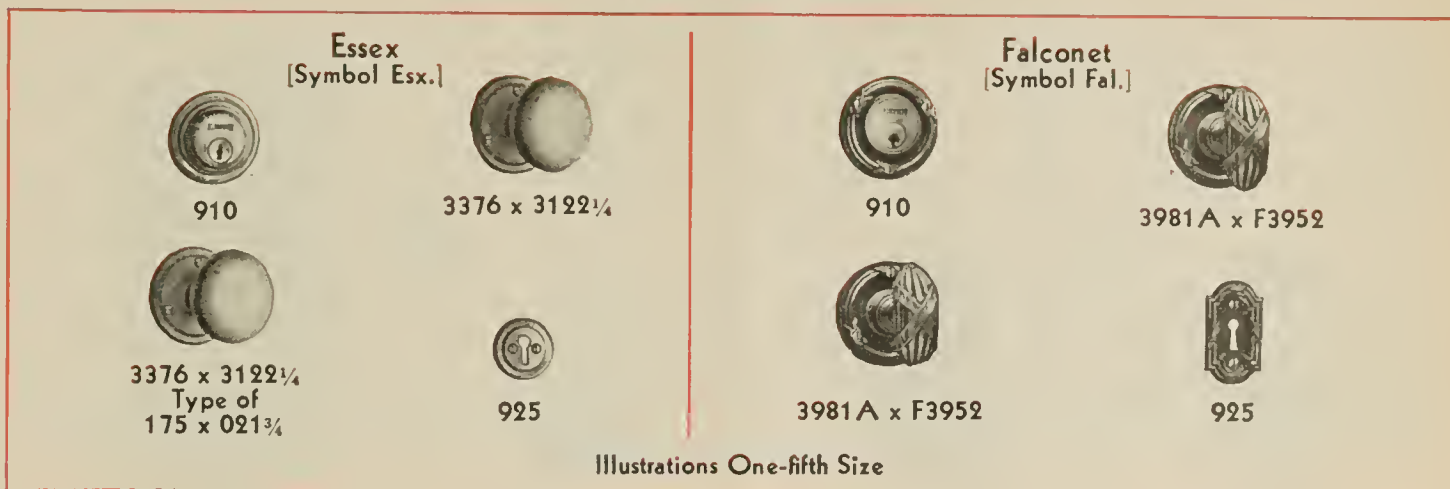
One set in a box, with screws.

Essex and Falconet

School: Colonial

School: Louis XVI

Cast Brass or Bronze



Essex Design

Suggested Finishes: 9, 10, 11, 11D, 11Z, 13, and 14

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2376	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3376	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3122 1/4	2 1/4 in.	Door Knob Roses, Round.
175	1 1/2 in.	Mortise Bolt Knob, Rose No. 021 3/4, Spindle No. 5.
910	2 1/4 in.	Cylinder Collar, Round.
925	1 1/4 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	1 1/4 in.	Turn Knob, 3/16 in. Spindle.
600	2 1/4 in.	Push Button.

Lock Sets

Set Number	Description	Lock	Page	Knobs, Roses	Escutcheons
1248LS1 Esx.	Front Door Set	1248	268	3376 x 3122 1/4	910 x 920 T. Knob
0370 3/4 LY1 Esx.	Inside Door Set	0370 3/4	297	2376 x 3122 1/4	925 x 925

Falconet Design

Suggested Finishes: 9C, 11C, 11Z, and 13

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2981A	2 1/2 x 1 1/8 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3981A	2 1/2 x 1 1/8 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
F3952	2 in.	Door Knob Roses, Round.
3931 3/4	1 3/4 in.	Door Knob Roses, with auxiliary spring.
1777	3 1/4 in.	Lever Handle, Plain Shank, Rose No. F951 1/2, Spindle No. 20.
3779	4 in.	Lever Handle, Screwless Shank, Rose No. F3952, Spindle No. 30.
F951 1/2	1 1/2 in.	Lever Handle Roses, Round.
910	2 1/2 in.	Cylinder Collar, Round.
925	2 1/2 x 1 3/8 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 1/2 x 1 3/8 in.	Turn Knob, 3/16 in. Spindle.

Lock Sets

Set Number	Description	Lock	Page	Knobs, Roses	Escutcheons
1248TS1 Fal.	Front Door Set	1248	268	3981A x F3952	910 x 920 T. Knob
380 3/4 TS1 Fal.	Inside Door Set	380 3/4	295	3981A x F3952	925 x 925

One set in a box, with screws.

For Dummy Cylinders, prefix "D."
For Types of Knob Shanks and Spindles, see pages 216, 217.

School: English **Fidelity Design** [Symbol Fid.]

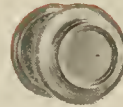
Cast Brass or Bronze



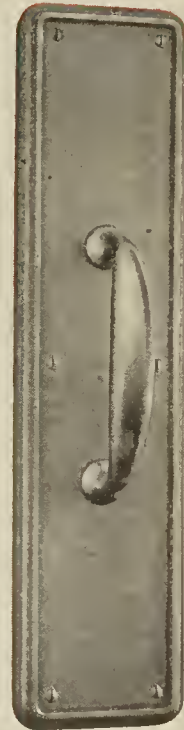
2951 x 3901



2951 x 3935



2951 x 3952 1/4



626

Illustrations One-fifth Size

Suggested Finishes: 9C, 11C, 11Z, 13, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3901	8 1/2 x 2 5/8 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3903*	7 1/2 x 2 1/4 in.	Escutcheon for Cylinder Locks, Inside, 5 1/2 in. and larger.
3940	7 1/2 x 2 1/4 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	7 1/2 x 2 1/4 in.	Escutcheon for Mortise Locks, 3 1/2 in.
3990	4 x 2 1/2 in.	Escutcheon for Latches.
600	3 1/2 x 1 5/8 in.	Push Button.
616	16 x 4 in.	Push Plate.
626	16 x 4 in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).
1420	2 1/2 x 8 in.	Letter Box Plate, Outside, Horizontal Opening, 5 3/16 x 1 5/16 in.
1420 1/2	2 1/2 x 8 in.	Letter Box Hood, Inside.
1424	8 7/8 x 3 in.	Letter Chutes, with Vertical Plates for 1 3/4 in. Door. Opening, 5 1/2 x 1 1/2 in. Hinged at Top.
1424 1/2	8 7/8 x 3 in.	Letter Chutes, with Vertical Plates for 1 3/4 in. Door. Opening, 7 x 1 1/2 in. Hinged at Top.

*Cannot be cut for Cylinder.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knob, prefix "T" to number; Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: English

Fidelity Design [Symbol Fid.]

Front and Vestibule Door Sets



Set Number	Lock	Page	Knobs	Escutcheons
1238HY2	1238	267	2951	3901 x T3903
1238½HY2	1238½	267	2951	3901 x B3903
1248HY2	1248	268	2951	3901 x T3903
1248½HY2	1248½	268	2951	3901 x B3903

Office Door Sets

1238½MHY6	1238½M	267	2951	3901 x B3901
1239½MHY6*	1239½M	268	2951	3901 x B3901
11456MHY6*	11456M	266	2951	3901 x B3901

*Specify hand.

Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370¾HY1	0370¾	297	2951	3935 x 3935
0374¾HY1	0374¾	295	2951	3940 x 3940
380¾HY1	380¾	295	2951	3935 x 3935
382¾HY1	382¾	296	2951	3940 x 3940
384¾HY1	384¾	295	2951	3940 x 3940

Latch Sets

029HY1	029	311	2951	3990 x 3990
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Bath and Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233½HY1	233½	292	2951	T3935 x T3935
0019¾HY1	0019¾	289	2951	3940 x T3940
0022¾MHY1	0022¾M	289	2951	3940 x T3940

Substituting Screwless Knob No. 3951, change letter from HY to HS.



Unit Locks—Horizontal Type

For Door Stiles not less than 5 in. wide.

Specify hand and thickness of doors on all Unit Locks.



Set Number	For Doors	Page	Knobs	Escutcheons
2150	Front	248	2¼ x 2¼	3⅜ x 4⅛ in.
2156M	Vestibule	248	2¼ x 2¼	3⅜ x 4⅛ in.
2166M	Office	248	2¼ x 2¼	3⅜ x 4⅛ in.
2157M	Office	249	2¼ x 2¼	3⅜ x 4⅛ in.
2166¾M	Office	250	2¼ x 2¼	3⅜ x 4⅛ in.
2159½M	Entrance	251	2¼ x 2¼	3⅜ x 4⅛ in.
2116M	Entrance	252	2¼ x 2¼	3⅜ x 4⅛ in.
2116¼M	Entrance	254	2¼ x 2¼	3⅜ x 4⅛ in.
2134	Communi-	253	2¼ x 2¼	3⅜ x 4⅛ in.
2135	cating	253	2¼ x 2¼	3⅜ x 4⅛ in.
2145	Latch	254	2¼ x 2¼	3⅜ x 4⅛ in.
2186M*	Fire	255	2¼ x 2¼	3⅜ x 4⅛ in.
2187½M*	Fire	255	2¼ x 2¼	3⅜ x 4⅛ in.

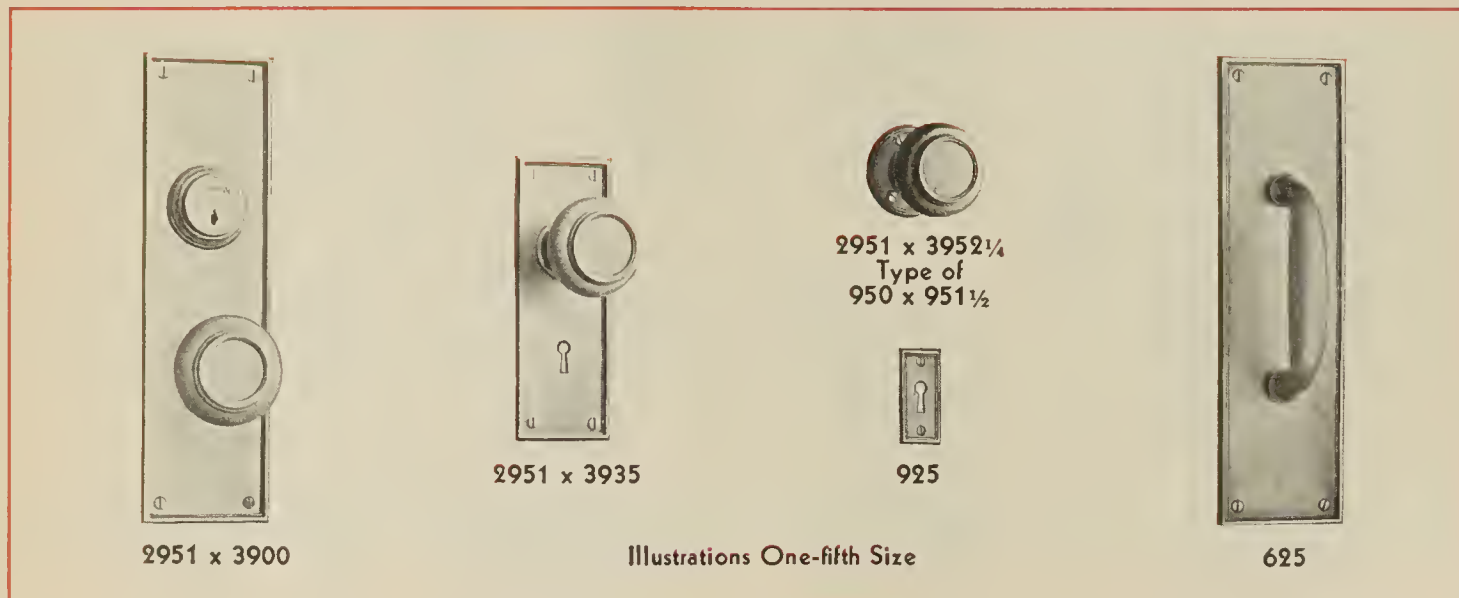
One set in a box, with screws.

*Have ¾ inch throw on Latch Bolt.

Illustrations One-fifth Size

School: Colonial **Granby Design** [Symbol Gby.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
3951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Screwless Shank, $\frac{5}{16}$ in. Spindle No. 30.
3952 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Door Knob Roses, Round.
950	1 $\frac{1}{2}$ in.	Mortise Bolt Knob, Rose No. 951 $\frac{1}{2}$, Spindle No. 5.
3900	10 $\frac{1}{2}$ x 3 in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3902	8 x 2 $\frac{1}{4}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3903	6 $\frac{3}{8}$ x 2 $\frac{1}{4}$ in.	Escutcheon for Cylinder Locks, Inside, 5 $\frac{1}{2}$ in. and larger.
3940	6 $\frac{3}{8}$ x 2 $\frac{1}{4}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
3935	6 $\frac{3}{8}$ x 2 $\frac{1}{4}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
925	2 $\frac{1}{4}$ x 1 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 $\frac{1}{4}$ x 1 in.	Turn Knob, $\frac{3}{16}$ in. Spindle.
454	1 $\frac{3}{8}$ x 3 in.	Sash Lift, Flush.
525	1 $\frac{5}{8}$ x 5 $\frac{1}{8}$ in.	Sash Lift, Bar.
600	4 x 1 $\frac{3}{4}$ in.	Push Button.
615	10 $\frac{1}{2}$ x 3 in.	Push Plate.
617	15 x 3 in.	Push Plate.
625	10 $\frac{1}{2}$ x 3 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
627	15 x 3 in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).
1420	2 $\frac{1}{4}$ x 7 $\frac{3}{4}$ in.	Letter Box Plate, Outside, Horizontal Opening, 5 $\frac{3}{16}$ x 1 $\frac{5}{16}$ in.
1420 $\frac{1}{2}$	2 $\frac{1}{4}$ x 7 $\frac{3}{4}$ in.	Letter Box Hood, Inside.
1424 $\frac{1}{2}$	.....	Letter Chutes, with Vertical Plates for 1 $\frac{3}{4}$ in. Door. Opening, 7 x 1 $\frac{1}{2}$ in. Hinged at Top.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Colonial

Granby Design [Symbol Gby.]



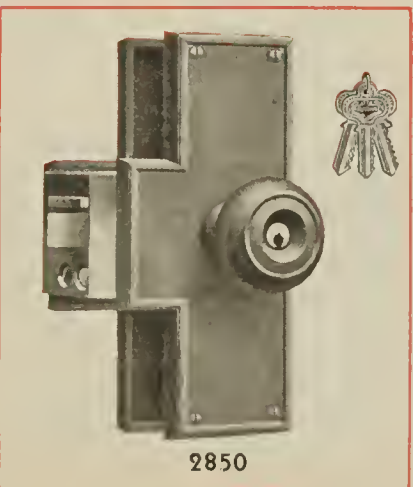
1248HY2



384 3/4 HY1



2150



2850

Illustrations One-fifth Size

Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
1238HY2	1238	267	2951	3900 x T3903
1238 1/2 HY4	1238 1/2	267	2951	3902 x B3903
1248HY2	1248	268	2951	3900 x T3903
1248 1/2 HY4	1248 1/2	268	2951	3902 x B3903

Office Door Sets

1238 1/2 MHY6	1238 1/2 M	267	2951	3902 x B3902
1239 1/2 MHY6*	1239 1/2 M	268	2951	3902 x B3902
11456MHY6*	11456M	266	2951	3902 x B3902

* Specify hand.

Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370 3/4 HY1	0370 3/4	297	2951	3935 x 3935
0374 3/4 HY1	0374 3/4	295	2951	3940 x 3940
380 3/4 HY1	380 3/4	295	2951	3935 x 3935
382 3/4 HY1	382 3/4	296	2951	3940 x 3940
384 3/4 HY1	384 3/4	295	2951	3940 x 3940

Latch Sets

029HY1	029	311	2951	B3935 x B3935
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Bath and Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233 1/2 HY1	233 1/2	292	2951	T3935 x T3935
0019 3/4 HY1	0019 3/4	289	2951	3940 x T3940
0022 3/4 MHY1	0022 3/4 M	289	2951	3940 x T3940

Substituting Screwless Knob No. 3951, change letter from HY to HS.

Unit Locks—Horizontal Type

For Door Stiles not less than 5 in. wide.

Specify hand and thickness of doors on all Unit Locks.

Set Number	For Doors	Page	Knobs	Escutcheons
2150	Front	248	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2156M	Vestibule	248	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2166M	Office	248	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2157M	Office	249	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2166 3/4 M	Office	250	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2159 1/2 M	Entrance	251	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2116M	Entrance	252	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2116 1/4 M	Entrance	254	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2134	Communi-	253	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2135	cating	253	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.
2145	Latch	254	2 1/4 x 2 1/4	3 1/8 x 4 7/8 in.

Unit Locks—Upright Type

For Door Stiles not less than 4 3/4 in. wide.

Specify hand and thickness of doors on all Unit Locks.

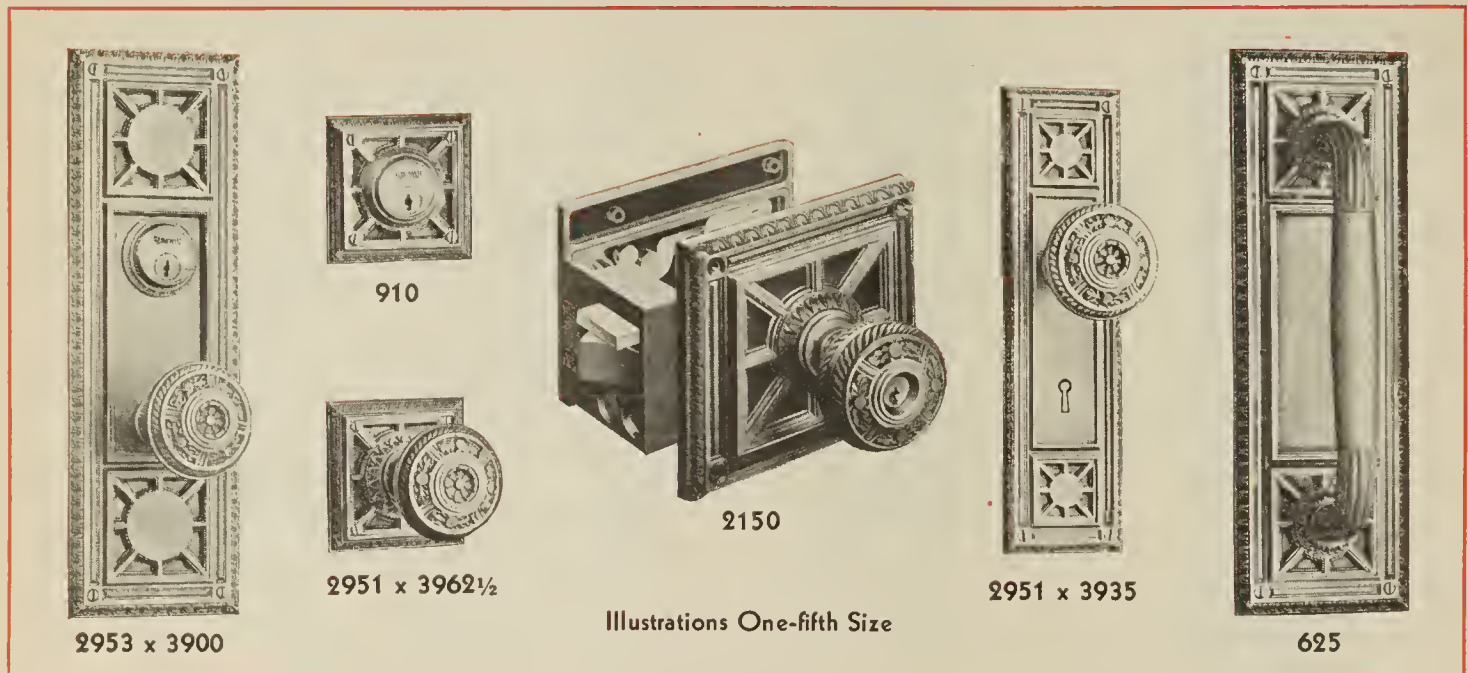
2850	Front	248	2 1/4 x 2 1/4	9 x 3 in.
2856M	Vestibule	248	2 1/4 x 2 1/4	9 x 3 in.
2866M	Office	248	2 1/4 x 2 1/4	9 x 3 in.
2857M	Office	249	2 1/4 x 2 1/4	9 x 3 in.
2866 3/4 M	Office	250	2 1/4 x 2 1/4	9 x 3 in.
2859 1/2 M	Entrance	251	2 1/4 x 2 1/4	9 x 3 in.
2816M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
2816 1/4 M	Entrance	254	2 1/4 x 2 1/4	9 x 3 in.
2834	Communi-	253	2 1/4 x 2 1/4	9 x 3 in.
2835	cating	253	2 1/4 x 2 1/4	9 x 3 in.
2845	Latch	254	2 1/4 x 2 1/4	9 x 3 in.

One Set in a Box, with Screws.

For Entrance Handle Sets, see page 200.

School: Roman **Hadrian** [Symbol Had.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, 32, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2¼ x 2¼ in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
3951	2¼ x 2¼ in.	Door Knobs, Screwless Shank, ⅝ in. Spindle No. 30.
3952	2½ x 2¼ in.	Door Knobs, Screwless Shank, ⅝ in. Spindle No. 30.
3953	2½ x 2½ in.	Door Knobs, Screwless Shank, ⅝ in. Spindle No. 30.
3962½	2½ x 2½ in.	Door Knob Roses, Square.
910	3¼ x 3¼ in.	Cylinder Collar, Square.
3900	13¼ x 4 in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
3901*	10¼ x 2⅞ in.	Escutcheon for Cylinder Locks, Inside.
3940	10¼ x 2⅞ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
925	2 x 1⅜ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 x 1⅜ in.	Turn Knob, ⅝ in. Spindle.
600	3 x 3 in.	Push Button.
615	12½ x 4 in.	Push Plate.
616	18 x 4 in.	Push Plate.
625	12½ x 4 in.	Door Pull, with Grip No. 783.
626	18 x 4 in.	Door Pull, with Grip No. 783.

* Cannot be cut for Cylinder.

Lock Sets

Set Number	Description	Lock	Page	Knobs	Escutcheons
1248HY2	Front Door Set	1248	268	2951	3900 x T3901
1248½HY2	Vestibule Door Set	1248½	268	2951	3900 x B3901
384¾HY1	Inside Door Set	384¾	295	2951	3940 x 3940
029HY1	Latch Set	029	311	2951	B3940 x B3940

Substituting Screwless Knob No. 3951, change letter from HY to HS.

Horizontal Type Unit Locks, for Door Stiles not less than 5¾ inches wide, can be furnished in all Standard Functions.
Specify hand and thickness of doors on all Unit Locks.

One set in a box, with screws. For Dummy Cylinders, prefix "D." For Entrance Handle Sets, see page 200.

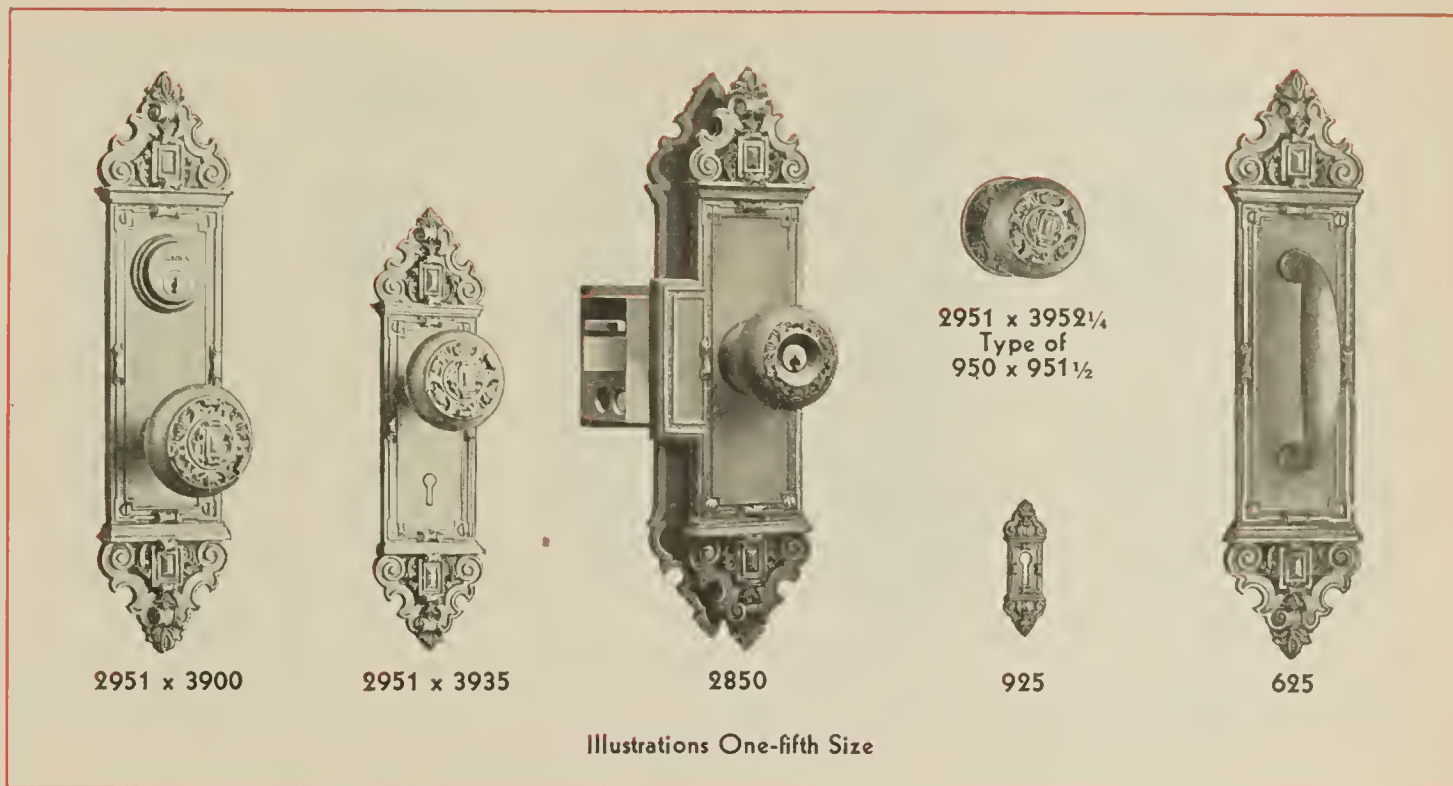
For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Flemish **Hague** [Symbol: Hag.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
950	1 1/2 in.	Mortise Bolt Knob, Rose No. 951 1/2, Spindle No. 5.
3900	13 1/4 x 3 1/4 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3901	11 1/4 x 2 5/8 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3940	10 1/4 x 2 5/8 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	10 1/4 x 2 5/8 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	3 x 1 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	3 x 1 in.	Turn Knob, 3/16 in. Spindle.
600	5 1/2 x 2 in.	Push Button.
615	13 1/4 x 3 1/4 in.	Push Plate.
625	13 1/4 x 3 1/4 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).

Lock Sets

Set Number	Description	Lock	Page	Knobs	Escutcheons
1248HY2	Front Door Set	1248	268	2951	3900 x T3901
1248 1/2 HY2	Vestibule Door Set	1248 1/2	268	2951	3900 x B3901
384 3/4 HY1	Inside Door Set	384 3/4	295	2951	3940 x 3940
029HY1	Latch Set	029	311	2951	B3935 x B3935

Substituting Screwless Knob No. 3951, change letter from HY to HS.

Upright Type Unit Locks, for Door Stiles not less than 4 3/4 inches wide, can be furnished in all standard functions.

Specify hand and thickness of doors on all Unit Locks.

One set in a box, with screws.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number, for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

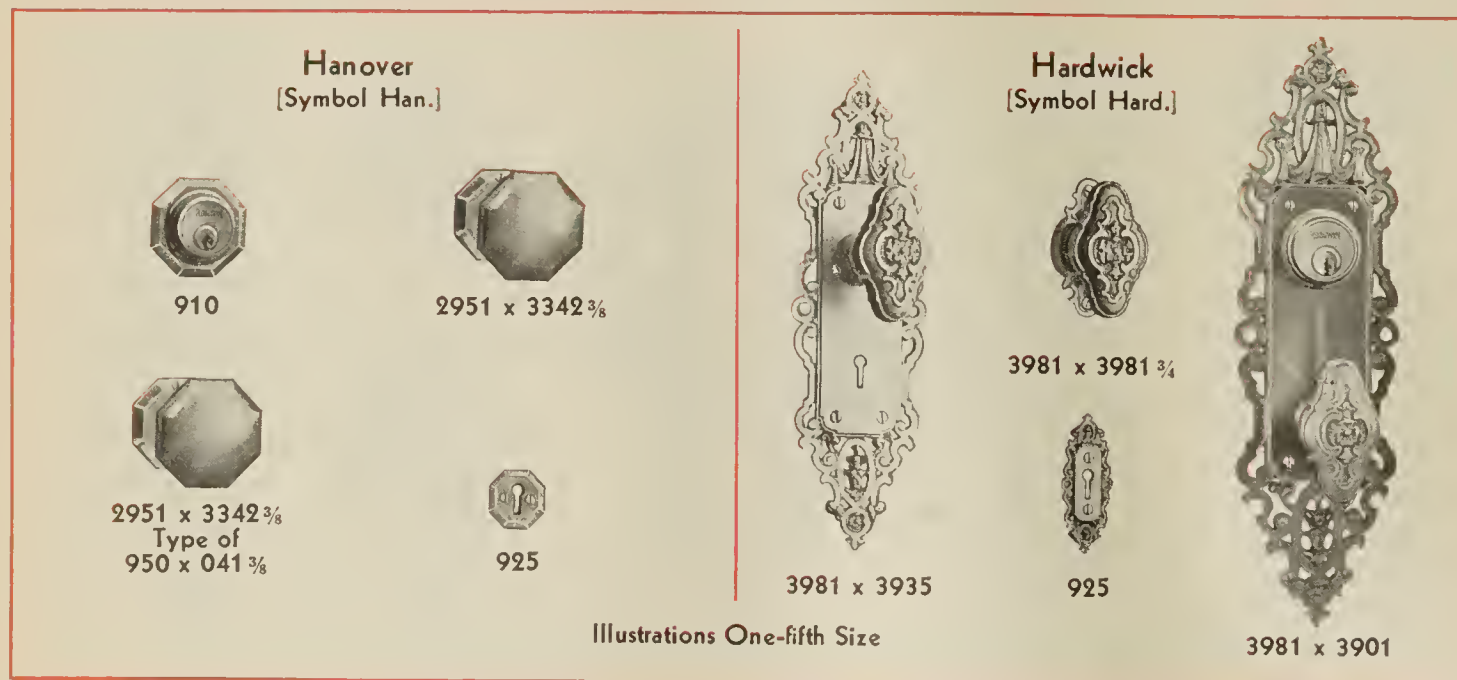
For Types of Knob Shanks and Spindles, see pages 216, 217.

Hanover and Hardwick

School: Colonial

School: Elizabethan

Cast Brass or Bronze



Hanover Design

Suggested Finishes: 9, 10, 11, 11D, 11Z, 13, 14, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
3951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Screwless Shank, $\frac{5}{16}$ in. Spindle No. 30.
3342 $\frac{3}{8}$	2 $\frac{3}{8}$ in.	Door Knob Roses, Octagonal.
950	1 $\frac{1}{2}$ in.	Mortise Bolt Knob, Rose No. 041 $\frac{3}{8}$, Spindle No. 5.
910	2 $\frac{3}{8}$ in.	Cylinder Collar, Octagonal.
925	1 $\frac{3}{8}$ in.	Escutcheon for Bit-Key Locks (Key-Plate).
930	1 $\frac{3}{8}$ in.	Escutcheon for Bit-Key Locks (Key-Plate with drop).
970	2 $\frac{3}{8}$ in.	Escutcheon for Sliding Door Locks.
920	1 $\frac{3}{8}$ in.	Turn Knob, $\frac{3}{16}$ in. Spindle.
454	1 $\frac{5}{8}$ x 3 $\frac{3}{8}$ in.	Sash Lift, Flush.
600	2 $\frac{3}{8}$ in.	Push Button.

For Entrance Handle Sets, see page 191.

Hardwick Design

Suggested Finishes: 9C, 10, 11, 11C, 11Z, 13, and 16 $\frac{1}{2}$

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2981	2 $\frac{7}{8}$ x 1 $\frac{3}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
3981	2 $\frac{7}{8}$ x 1 $\frac{3}{4}$ in.	Door Knobs, Screwless Shank, $\frac{5}{16}$ in. Spindle No. 30.
3981 $\frac{3}{4}$	3 x 1 $\frac{3}{4}$ in.	Door Knob Roses, Oval.
3901	12 $\frac{3}{4}$ x 3 $\frac{1}{2}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3940	10 $\frac{1}{4}$ x 3 in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
3935	10 $\frac{1}{4}$ x 3 in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
925	3 $\frac{1}{4}$ x 1 $\frac{1}{4}$ in.	Escutcheon for Bit-Key Locks (Key-Plate).
600	4 $\frac{3}{8}$ x 1 $\frac{3}{4}$ in.	Push Button.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

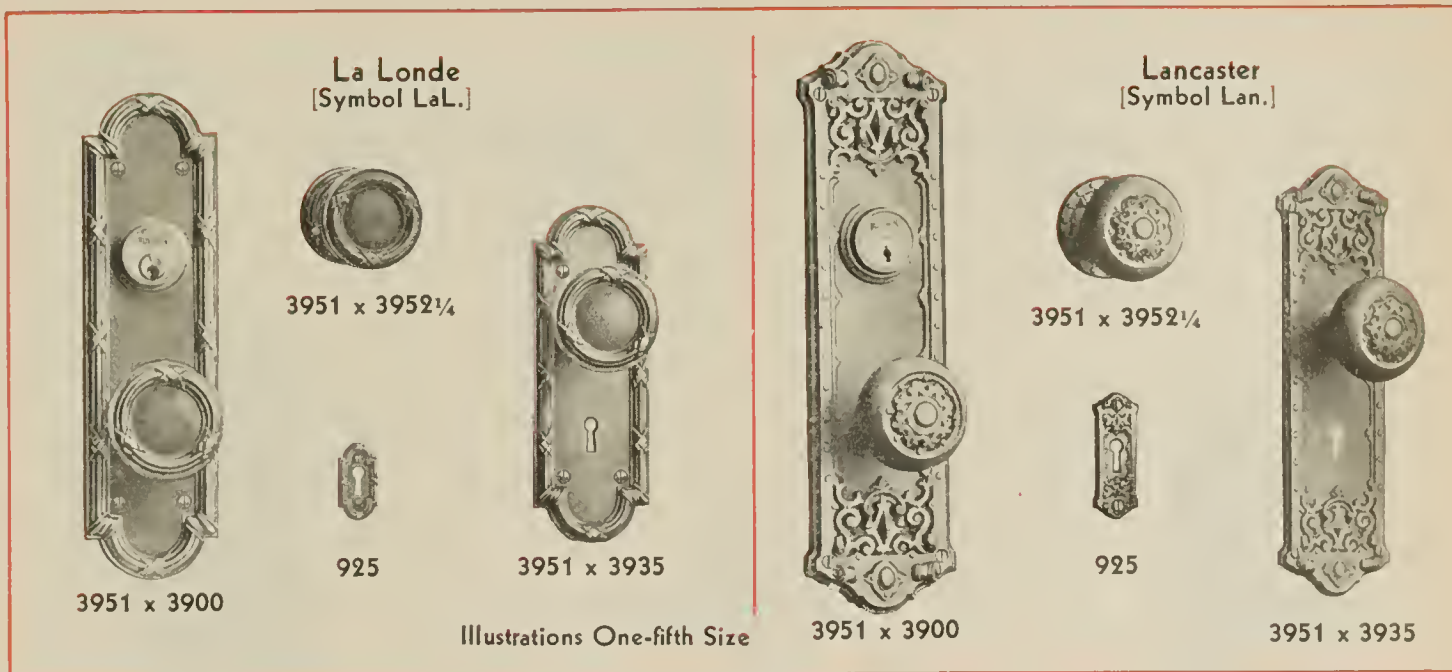
For Types of Knob Shanks and Spindles, see pages 216, 217.

La Londe and Lancaster

School: Louis XVI

School: Elizabethan

Cast Brass or Bronze



La Londe Design

Suggested Finishes: 9C, 11C, 11Z, and 13

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3931 3/4	1 3/4 in.	Door Knob Roses, Round, with auxiliary spring.
1777	3 1/4 in.	Lever Handle, Simplex Shank, 5/16 in. Spindle No. 20.
3779	4 in.	Lever Handle, Screwless Shank, 5/16 in. Spindle No. 30.
910	2 1/2 in.	Cylinder Collar, Round.
3900	11 x 3 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3940	7 1/2 x 2 5/8 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	7 1/2 x 2 5/8 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	2 1/4 x 1 1/4 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 1/4 x 1 1/4 in.	Turn Knob, 5/16 in. Spindle.
600	4 x 1 5/8 in.	Push Button.
615	11 x 3 in.	Push Plate.
625	11 x 3 in.	Door Pull, with Grip No. 776 (For other Grips, see pages 486 to 489).

For Entrance Handle Sets, see page 191.

Lancaster Design

Suggested Finishes: 9C, 11C, 11Z, 13, and (46 on Iron Only)

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3900	12 1/4 x 3 3/8 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3940	9 1/4 x 2 5/8 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	9 1/4 x 2 5/8 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	2 3/4 x 1 in.	Escutcheon for Bit-Key Locks (Key Plate).
920	2 3/4 x 1 in.	Turn Knob, 5/16 in. Spindle.
600	4 3/4 x 1 1/2 in.	Push Button.
615	12 1/4 x 3 3/8 in.	Push Plate.
625	12 1/4 x 3 3/8 in.	Door Pull, with Grip No. 784 (For other Grips, see pages 486 to 489).

For Dummy Cylinders, prefix "D."

For Types of Knob Shanks and Spindles, see pages 216, 217.

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

This Page Reserved for New Design
Temporarily we show a few of the special creations

for the New

Hotel Waldorf Astoria

New York City

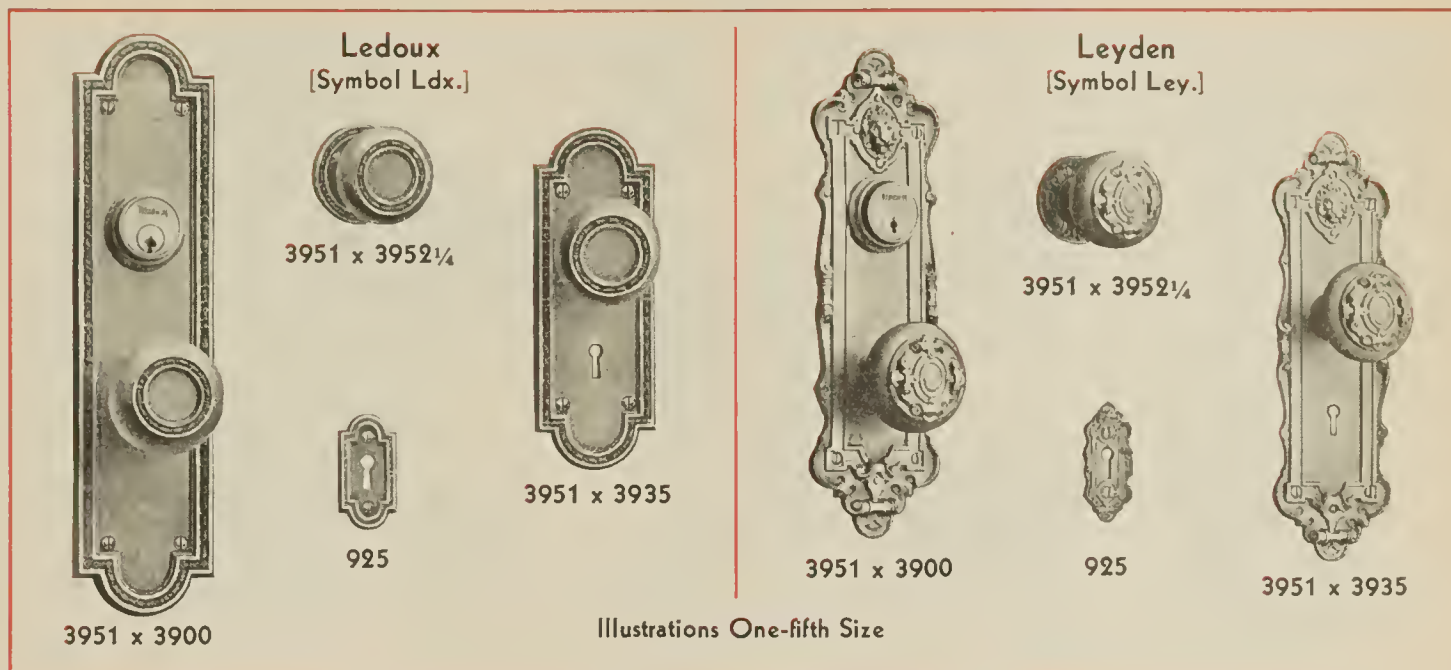


Ledoux and Leyden

School: Louis XVI

School: Flemish

Cast Brass or Bronze



Ledoux Design

Suggested Finishes: 9C, 10W, 11C, 11W, 11Z, and 13

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3900	12 x 3 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3940	7 1/4 x 2 5/8 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	7 1/4 x 2 5/8 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	2 1/4 x 1 1/4 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 1/4 x 1 1/4 in.	Turn Knob, 3/16 in. Spindle.
454	1 1/2 x 4 1/4 in.	Sash Lift, Flush.
600	4 1/4 x 1 1/2 in.	Push Button.
615	12 x 3 in.	Push Plate.
625	12 x 3 in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).

Leyden Design

Suggested Finishes: 9C, 11C, 11Z, 13, and 46

Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3900	11 x 3 1/4 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3940	10 x 2 3/4 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	10 x 2 3/4 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	2 1/2 x 1 1/8 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 1/2 x 1 1/8 in.	Turn Knob, 3/16 in. Spindle.
600	6 1/2 x 2 1/2 in.	Push Button.
615	11 x 3 1/4 in.	Push Plate.
625	11 x 3 1/4 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

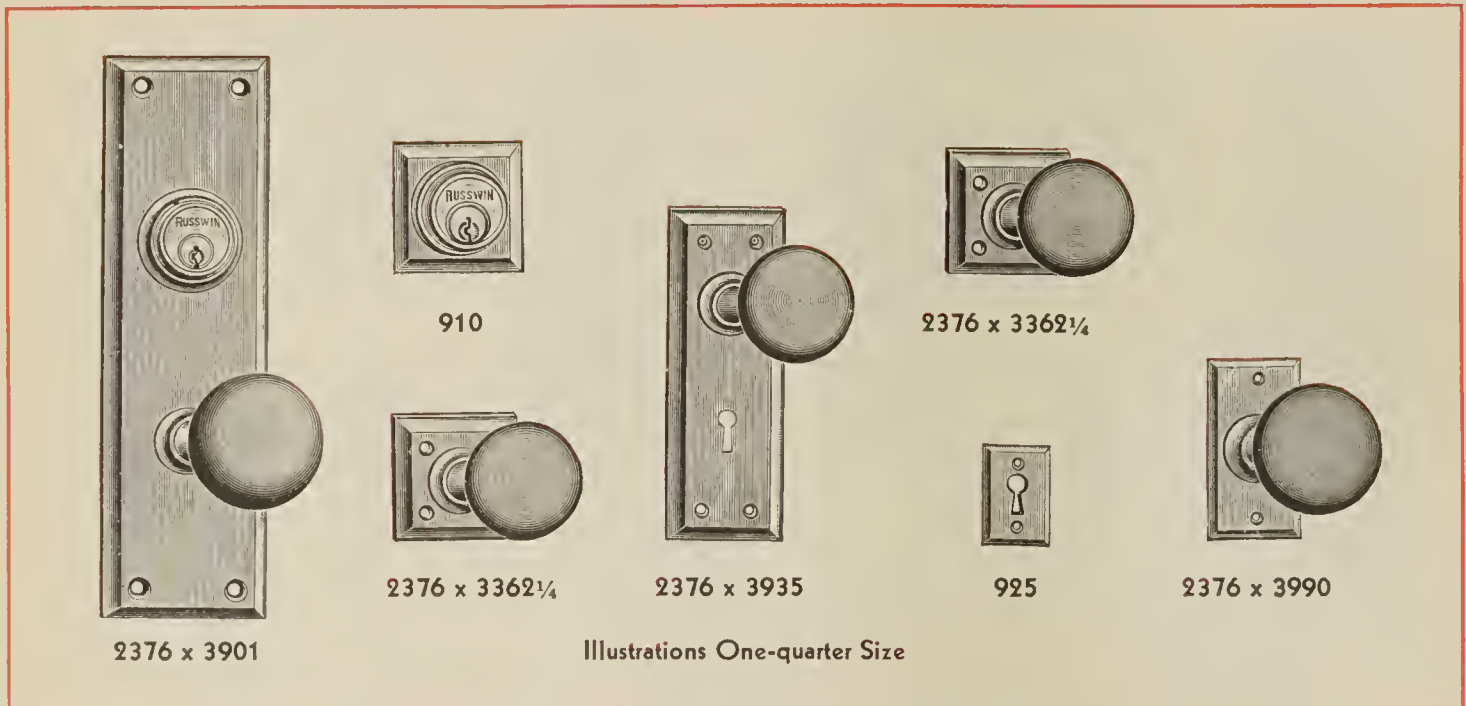
When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Lenox Design

[Symbol Lnx.]

Cast Brass or Bronze



Suggested Finishes: 9, 10, 11, 11D, 11Z, 13, 14, and 46

Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
3362 $\frac{1}{4}$	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knob Roses, Square.
910	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Cylinder Collar, Square.
3901	10 x 2 $\frac{3}{4}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3902	9 x 2 $\frac{1}{2}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3902 $\frac{1}{2}$	8 x 2 $\frac{1}{2}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3902 $\frac{3}{4}$	7 $\frac{1}{4}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Cylinder Locks.
3903	7 $\frac{1}{2}$ x 2 $\frac{1}{4}$ in.	Escutcheon for Cylinder Locks, Inside, 5 $\frac{1}{2}$ in. and larger.
13903	7 $\frac{1}{2}$ x 2 $\frac{1}{4}$ in.	Escutcheon for Cylinder Locks, Inside, Spaced for 11213, 11224 and 11248 Locks.
3952	7 $\frac{1}{2}$ x 2 $\frac{1}{4}$ in.	Escutcheon for Mortise Locks, 5 in. and larger.
3941	7 $\frac{1}{2}$ x 2 $\frac{1}{4}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
3936	7 $\frac{1}{2}$ x 2 $\frac{1}{4}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
3940	6 x 2 in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
3935	6 x 2 in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
3990	4 x 2 $\frac{1}{4}$ in.	Escutcheon for Latches.
938	5 x 1 in.	Escutcheon for Mortise Locks, with Lever No. 060 $\frac{1}{2}$.
926	2 x 1 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks (Key-Plate).
925	1 $\frac{3}{4}$ x 1 $\frac{1}{8}$ in.	Escutcheon for Mortise Locks (Key-Plate).
600	3 $\frac{1}{8}$ x 1 $\frac{5}{8}$ in.	Push Button.

Escutcheons can be furnished with Lugs for use on Kalemien Doors, prefix Symbol "L" when ordering.

The following items suitable for use with this design:

Door Knobs, see pages 220, 221.

Door Pulls, see pages 526, 527, 529.

Push Plates, see page 524.

Entrance Handle Sets, see pages 192, 203.

Sash Lifts, see pages 515, 516.

Letter Box Plates, see page 522.

Sliding Door Escutcheons, see page 235

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

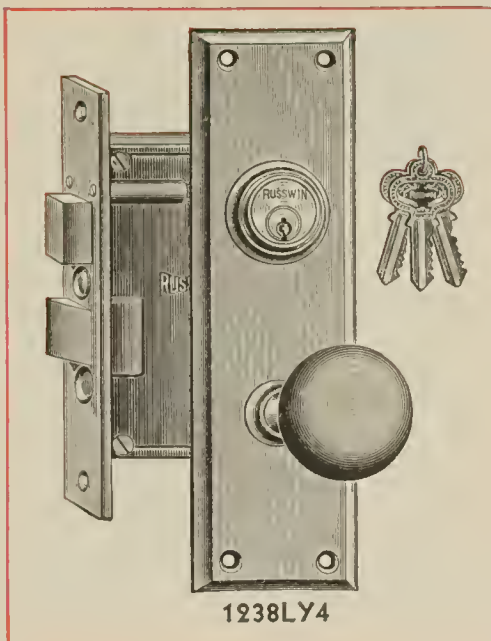
For Types of Knob Shanks and Spindles, see pages 216, 217.

Lenox Design

[Symbol Lnx.]

Cylinder Front and Vestibule Door Sets

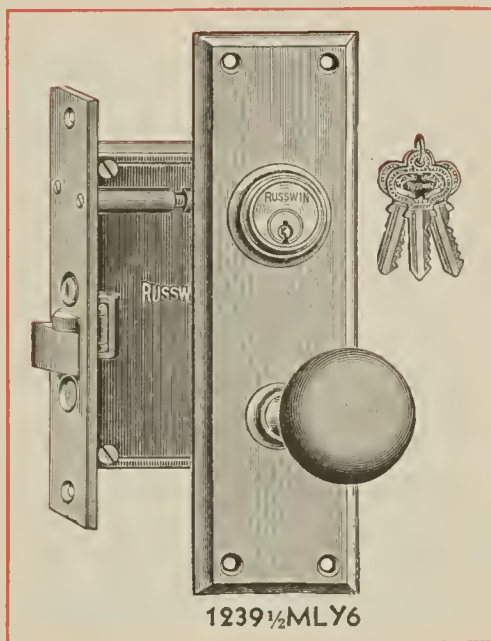
Set Number	Lock	Page	Knobs	Escutcheons
1238LY4	1238	267	2376	3901 x T3903
1238½LY8	1238½	267	2376	3902½ x B3903
1248LY5	1248	268	2376	3902¾ x T3903
1248½LY5	1248½	268	2376	3902¾ x B3903
11248LY14	11248	269	2376	3901 x T13903
11248LY15	11248	269	2376	3902¾ x T13903
11248½LY5	11248½	269	2376	3902¾ x B3903



Office Door Sets

1238½MLY6	1238½M	267	2376	3902½ x B3902½
1239½MLY6*	1239½M	268	2376	3902½ x B3902½
11456MLY6*	11456M	266	2376	3902½ x B3902½

*Specify hand.



Inside Door Sets

0370¾LY1	0370¾	297	2376	3935 x 3935
0370¾LY2	0370¾	297	2376	3936 x 3936
0374¾LY2	0374¾	295	2376	3941 x 3941
380¾LY2	380¾	295	2376	3936 x 3936
382¾LY2	382¾	296	2376	3941 x 3941
384¾LY2	384¾	295	2376	3941 x 3941

Latch Sets

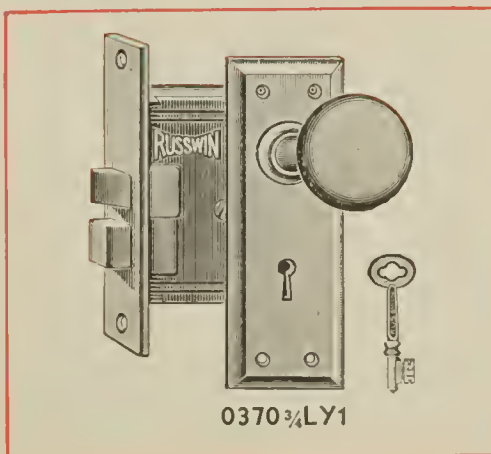
029LY10	029	311	2376	3990 x 3990
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Bath and Communicating Door Sets

233LY1	233	292	2376	B3935 x T3935
233LY2	233	292	2376	B3936 x T3936
233½LY1	233½	292	2376	T3935 x T3935
233½LY2	233½	292	2376	T3936 x T3936
0019¾LY2	0019¾	289	2376	3941 x T3941
0022¾MLY2	0022¾M	289	2376	3941 x T3941

School-House (Class Room) Door Sets

00125LY2	00125	307	2376	3941 x 3941
444¾LY2	444¾	307	2376	3952 x 3952



Illustrations One-quarter Size

One set in a box, with screws. For Entrance Handle Sets, see pages 192, 203.

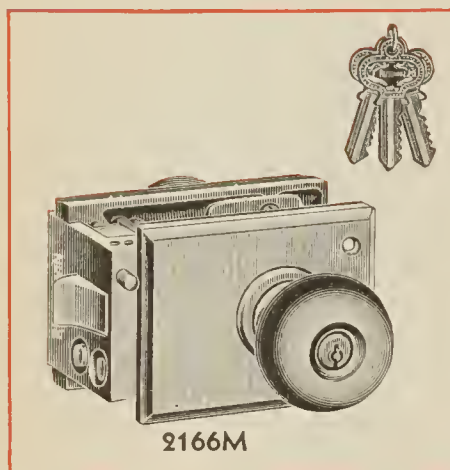
Lenox Design

[Symbol Lnx.]

Unit Locks—Horizontal Type

For Door Stiles not less than 5 in. wide.

Specify hand and thickness of doors on all Unit Locks.



Set Number	For Doors	Page	Knobs	Escutcheons
2150	Front	248	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2156M	Vestibule	248	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2156 $\frac{1}{2}$ M	Office	249	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2157M	Office	249	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2157 $\frac{1}{2}$ M	Office	250	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2166M	Office	248	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2166 $\frac{1}{2}$ M	Office	249	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2166 $\frac{3}{4}$ M	Office	250	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2116M	Entrance	252	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
P2116M	Entrance	252	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2116 $\frac{1}{2}$ M	Entrance	252	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
P2116 $\frac{1}{2}$ M	Entrance	252	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2117M	Entrance	252	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2117 $\frac{1}{2}$ M	Entrance	252	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2158M	Entrance	251	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2158 $\frac{1}{2}$ M	Entrance	251	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
P2158 $\frac{1}{2}$ M	Entrance	251	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2159M	Entrance	251	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2159 $\frac{1}{2}$ M	Entrance	251	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2125M	Communicating	253	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2125 $\frac{1}{2}$ M	Communicating	253	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2134	Communicating	253	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2135	Communicating	253	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2145	Latch	254	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2186M†	Fire	255	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2187 $\frac{1}{2}$ M†	Fire	255	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2116 $\frac{1}{4}$ M	Pipe and Wire Shafts	254	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
P2116 $\frac{1}{4}$ M	Pipe and Wire Shafts	254	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.
2117 $\frac{1}{4}$ M	Pipe and Wire Shafts	254	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	3 $\frac{3}{8}$ x 4 $\frac{7}{8}$ in.

Illustrations One-quarter Size.

†Have $\frac{3}{4}$ inch throw on Latch Bolt.

One set in a box, with screws.

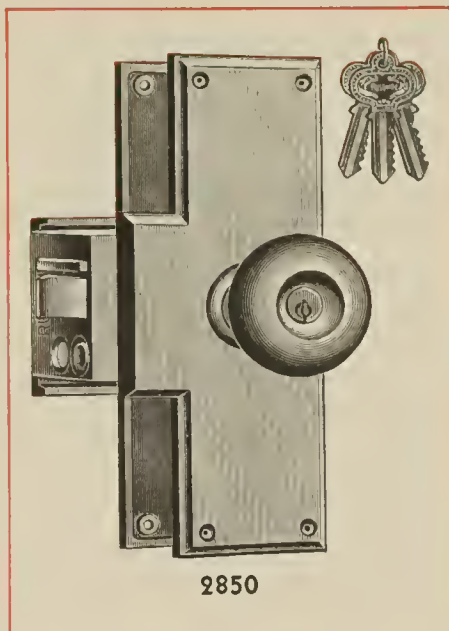
Lenox Design

[Symbol Lnx.]

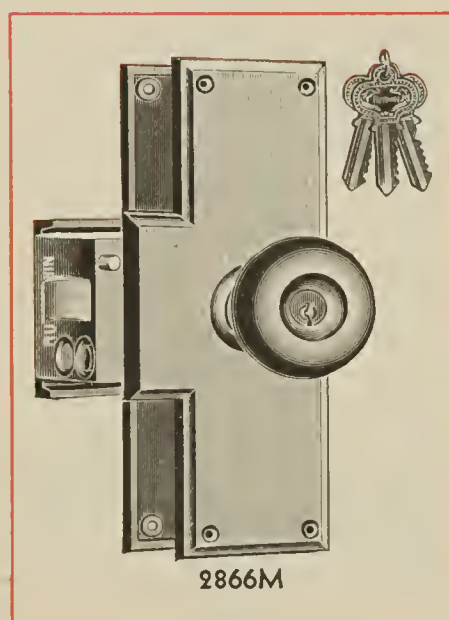
Unit Locks—Upright Type

For Door Stiles not less than 4 3/4 in. wide.

Specify hand and thickness of doors on all Unit Locks.



Set Number	For Doors	Page	Knobs	Escutcheons
2850	Front	248	2 1/4 x 2 1/4	9 x 3 in.
2856M	Vestibule	248	2 1/4 x 2 1/4	9 x 3 in.
2857M	Office	249	2 1/4 x 2 1/4	9 x 3 in.
2866M	Office	248	2 1/4 x 2 1/4	9 x 3 in.
2866 3/4 M	Office	250	2 1/4 x 2 1/4	9 x 3 in.
2816M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
P2816M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
2816 1/2 M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
P2816 1/2 M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
2817M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
2817 1/2 M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
2858 1/2 M	Entrance	251	2 1/4 x 2 1/4	9 x 3 in.
P2858 1/2 M	Entrance	250	2 1/4 x 2 1/4	9 x 3 in.
2859 1/2 M	Entrance	251	2 1/4 x 2 1/4	9 x 3 in.
2834	Communicating	253	2 1/4 x 2 1/4	9 x 3 in.
2835	Communicating	253	2 1/4 x 2 1/4	9 x 3 in.
2845	Latch	254	2 1/4 x 2 1/4	9 x 3 in.
2886M†	Fire	255	2 1/4 x 2 1/4	9 x 3 in.
2887 1/2 M†	Fire	255	2 1/4 x 2 1/4	9 x 3 in.
2816 1/4 M	Pipe and Wire Shafts	254	2 1/4 x 2 1/4	9 x 3 in.
P2816 1/4 M	Pipe and Wire Shafts	254	2 1/4 x 2 1/4	9 x 3 in.
2817 1/4 M	Pipe and Wire Shafts	254	2 1/4 x 2 1/4	9 x 3 in.



Illustrations One-quarter Size

One set in a box, with screws.

†Have 3/4 inch throw on Latch Bolt.

School: English

Litchfield Design [Symbol Lit.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3900	10 x 2 3/4 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3901	8 1/2 x 2 5/8 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3902*	7 x 2 1/4 in.	Escutcheon for Cylinder Locks, Inside, 5 1/2 in. and larger.
3940	7 x 2 1/4 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	7 x 2 1/4 in.	Escutcheon for Mortise Locks, 3 1/2 in.
3990	3 1/2 x 1 5/8 in.	Escutcheon for Latches.
454	1 5/8 x 3 1/2 in.	Sash Lift, Flush.
525	1 3/8 x 5 3/4 in.	Sash Lift, Bar.
600	3 1/2 x 1 5/8 in.	Push Button.
615	10 x 2 3/4 in.	Push Plate.
616	15 x 3 1/2 in.	Push Plate.
625	10 x 2 3/4 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
626	15 x 3 1/2 in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).
1420	2 1/2 x 8 1/2 in.	Letter Box Plate, Outside, Horizontal Opening 5 3/16 x 1 1/16 in.
1420 1/2	2 1/2 x 8 1/2 in.	Letter Box Hood, Inside.
1424 1/2	.....	Letter Chutes, with Vertical Plates for 1 3/4 in. Door. Opening, 7 x 1 1/2 in. Hinged at Top.

*Cannot be cut for Cylinder.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: English **Litchfield Design** [Symbol Lit.]

Front and Vestibule Door Sets



Set Number	Lock	Page	Knobs	Escutcheons
1238HY2	1238	267	2951	3900 x T3902
1238½HY4	1238½	267	2951	3901 x B3902
1248HY2	1248	268	2951	3900 x T3902
1248½HY4	1248½	268	2951	3901 x B3902

Office Door Sets

1238½MHY6	1238½M	267	2951	3901 x B3901
1239½MHY6*	1239½M	268	2951	3901 x B3901
11456MHY6*	11456M	266	2951	3901 x B3901

*Specify hand.



Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370¾HY1	0370¾	297	2951	3935 x 3935
0374¾HY1	0374¾	295	2951	3940 x 3940
380¾HY1	380¾	295	2951	3935 x 3935
382¾HY1	382¾	296	2951	3940 x 3940
384¾HY1	384¾	295	2951	3940 x 3940

Latch Sets

029HY1	029	311	2951	3990 x 3990
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Bath and Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233½HY1	233½	292	2951	T3935 x T3935
0019¾HY1	0019¾	289	2951	3940 x T3940
0022¾MHY1	0022¾M	289	2951	3940 x T3940

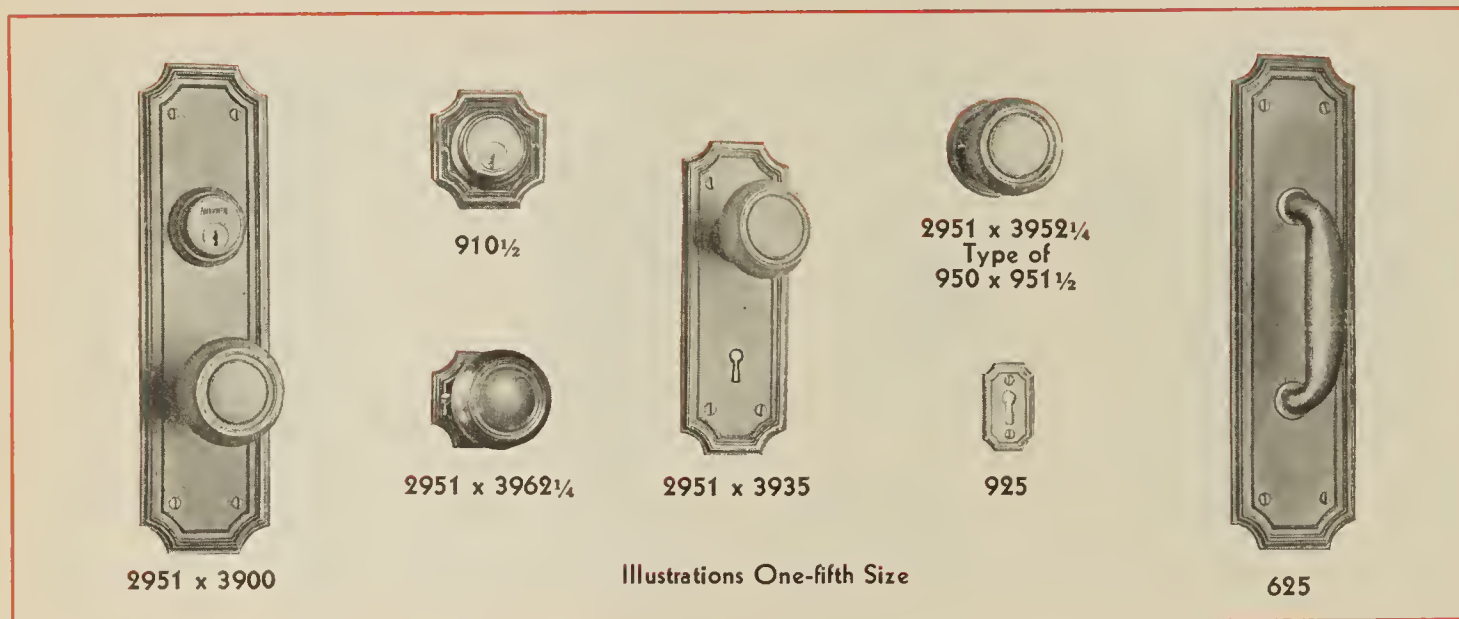


Illustrations One-fifth Size

Substituting Screwless Knob No. 3951, change letter from HY to HS.
One set in a box, with screws.

School: Louis XVI **Madison Design** [Symbol Mad.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
2957	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3962 1/4	2 1/4 x 2 1/4 in.	Door Knob Roses, Square.
950	1 1/2 in.	Mortise Bolt Knob, Rose No. 951 1/2, Spindle No. 5.
910	2 1/4 in.	Cylinder Collar, Round.
910 1/2	2 3/4 x 2 3/4 in.	Cylinder Collar, Square.
3900	11 x 3 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3901	9 x 2 5/8 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3940	7 x 2 1/2 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	7 x 2 1/2 in.	Escutcheon for Mortise Locks, 3 1/2 in.
3990	4 x 2 1/2 in.	Escutcheon for Latches.
925	2 x 1 1/4 in.	Escutcheon for Bit-Key Locks (Key-Plate).
926	1 1/4 in.	Escutcheon, Round, for Bit-Key Locks (Key-Plate).
921	1 3/8 in.	Turn Knob, Round Plate, 3/16 in. Spindle.
454	1 5/8 x 4 in.	Sash Lift, Flush.
526	1 3/8 x 5 3/4 in.	Sash Lift, Bar.
600	4 x 1 5/8 in.	Push Button.
615	11 x 3 in.	Push Plate.
616	16 x 3 in.	Push Plate.
625	11 x 3 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
626	16 x 3 in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).
1420	2 1/2 x 9 in.	Letter Box Plate, Outside, Horizontal Opening, 5 3/16 x 1 3/8 in.
1420 1/2	2 1/2 x 9 in.	Letter Box Hood, Inside.
1424	9 3/4 x 3 in.	Letter Chutes, with Vertical Plates for 1 3/4 in. Door.
1424 1/2	.....	Opening, 5 1/2 x 1 1/2 in. Hinged at Top.
		Letter Chutes, with Vertical Plates for 1 3/4 in. Door.
		Opening, 7 x 1 1/2 in. Hinged at Top.

For Dummy Cylinders, prefix "D."

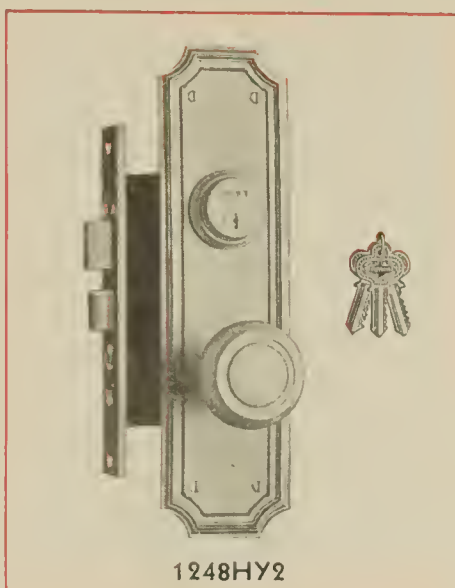
For Escutcheons with Turn Knobs, prefix "T" to number, for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Louis XVI

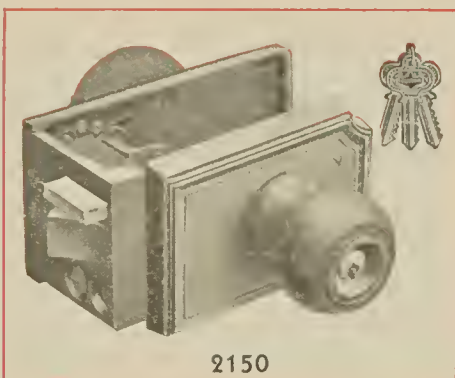
Madison Design [Symbol Mad.]



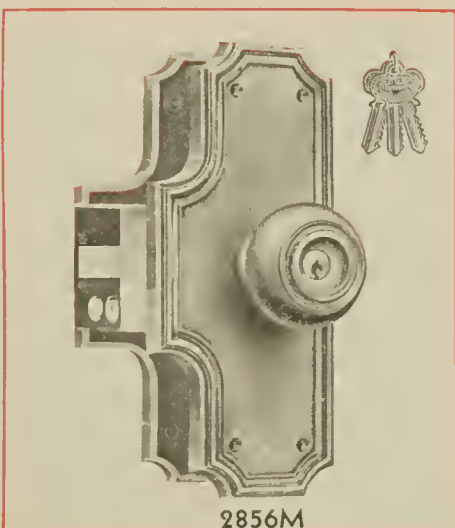
1248HY2



384 3/4 HY1



2150



2856M

Illustrations One-fifth Size

Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
1238HY2	1238	267	2951	3900 x T3901
1238 1/2 HY4	1238 1/2	267	2951	3901 x B3901
1248HY2	1248	268	2951	3900 x T3901
1248 1/2 HY4	1248 1/2	268	2951	3901 x B3901

Office Door Sets

1238 1/2 MHY4	1238 1/2 M	267	2951	3901 x B3901
1239 1/2 MHY4*	1239 1/2 M	268	2951	3901 x B3901
11456MHY4*	11456M	266	2951	3901 x B3901

*Specify hand.

Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370 3/4 HY1	0370 3/4	297	2951	3935 x 3935
0374 3/4 HY1	0374 3/4	295	2951	3940 x 3940
380 3/4 HY1	380 3/4	295	2951	3935 x 3935
382 3/4 HY1	382 3/4	296	2951	3940 x 3940
384 3/4 HY1	384 3/4	295	2951	3940 x 3940

Latch Sets

029HY1	029	311	2951	3990 x 3990
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Bath and Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233 1/2 HY1	233 1/2	292	2951	T3935 x T3935
0019 3/4 HY1	0019 3/4	289	2951	3940 x T3940
0022 3/4 MHY1	0022 3/4 M	289	2951	3940 x T3940

Substituting one piece Wrought Knob No. 2957, change letter from HY to WY.
Substituting Screwless Knob No. 3951, change letter from HY to HS.

Unit Locks—Horizontal Type

For Door Stiles not less than 5 3/4 in. wide.

Specify hand and thickness of doors on all Unit Locks.

Set Number	For Doors	Page	Knobs	Escutcheons
2150	Front	248	2 1/4 x 2 1/4	3 1/2 x 5 1/4 in.
2156M	Vestibule	248	2 1/4 x 2 1/4	3 1/2 x 5 1/4 in.
2166M	Office	248	2 1/4 x 2 1/4	3 1/2 x 5 1/4 in.
2157M	Office	249	2 1/4 x 2 1/4	3 1/2 x 5 1/4 in.
2166 3/4 M	Office	250	2 1/4 x 2 1/4	3 1/2 x 5 1/4 in.
2159 1/2 M	Entrance	251	2 1/4 x 2 1/4	3 1/2 x 5 1/4 in.
2116M	Entrance	252	2 1/4 x 2 1/4	3 1/2 x 5 1/4 in.
2116 1/4 M	Entrance	254	2 1/4 x 2 1/4	3 1/2 x 5 1/4 in.
2134	Communi-	253	2 1/4 x 2 1/4	3 1/2 x 5 1/4 in.
2135	cating	253	2 1/4 x 2 1/4	3 1/2 x 5 1/4 in.
2145	Latch	254	2 1/4 x 2 1/4	3 1/2 x 5 1/4 in.

Unit Locks—Upright Type

For Door Stiles not less than 4 3/4 in. wide.

Specify hand and thickness of doors on all Unit Locks.

2850	Front	248	2 1/4 x 2 1/4	9 x 3 in.
2856M	Vestibule	248	2 1/4 x 2 1/4	9 x 3 in.
2866M	Office	248	2 1/4 x 2 1/4	9 x 3 in.
2857M	Office	249	2 1/4 x 2 1/4	9 x 3 in.
2866 3/4 M	Office	250	2 1/4 x 2 1/4	9 x 3 in.
2859 1/2 M	Entrance	251	2 1/4 x 2 1/4	9 x 3 in.
2816M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
2816 1/4 M	Entrance	254	2 1/4 x 2 1/4	9 x 3 in.
2834	Communi-	253	2 1/4 x 2 1/4	9 x 3 in.
2835	cating	253	2 1/4 x 2 1/4	9 x 3 in.
2845	Latch	254	2 1/4 x 2 1/4	9 x 3 in.

One set in a box, with screws.

For Entrance Handle Sets, see pages 192, 200.

School: Empire **Malos Design** [Symbol Mal.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, and 13

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3900	12 x 3 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3901	10 x 2 1/2 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3940	9 3/8 x 2 1/4 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	9 3/8 x 2 1/4 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	3 3/4 x 1 1/8 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	3 3/4 x 1 1/8 in.	Turn Knob, 3/16 in. Spindle
454	1 3/8 x 4 3/4 in.	Sash Lift, Flush.
525	1 5/8 x 6 7/8 in.	Sash Lift, Bar.
600	4 3/4 x 1 3/8 in.	Push Button.
615	12 x 3 in.	Push Plate.
625	12 x 3 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).

Lock Sets

Set Number	Description	Lock	Page	Knobs	Escutcheons
1248HY2	Front Door Set	1248	268	2951	3900 x T3901
1248 1/2 HY4	Vestibule Door Set	1248 1/2	268	2951	3901 x B3901
380 3/4 HY1	Inside Door Set	380 3/4	295	2951	3935 x 3935
029HY1	Latch Set	029	311	2951	B3935 x B3935

Substituting Screwless Knob No. 3951, change letter from HY to HS.

One set in a box, with screws. For Dummy Cylinders, prefix "D." For Entrance Handle Sets, see page 200.

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Louis XIV **Mazarin Design** [Symbol Maz.]

Cast Brass or Bronze



Suggested Finishes: 10, 11, 11C, 11Z, 13, and 19

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2981	2 1/2 x 1 1/2 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3981	2 1/2 x 1 1/2 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
2983	2 7/8 x 1 3/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3983	2 7/8 x 1 3/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3981 1/2	2 1/2 x 1 1/2 in.	Door Knob Roses, Oval.
3901	12 1/4 x 3 1/2 in.	Escutcheon for Cylinder Locks, 5 1/2 in. and larger.
3902	10 x 3 1/4 in.	Escutcheon for Cylinder Locks, 5 1/2 in. and larger.
3940	10 x 3 1/4 in.	Escutcheon for Cylinder Locks, 4, 4 1/4 and 4 1/2 in.
3935	10 x 3 1/4 in.	Escutcheon for Cylinder Locks, 3 1/2 in.
925	3 1/8 x 1 3/8 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	3 1/8 x 1 3/8 in.	Turn Knob, 3/16 in. Spindle.
454	1 5/8 x 4 1/4 in.	Sash Lift, Flush.
525	1 5/8 x 5 1/4 in.	Sash Lift, Bar.
600	4 1/4 x 1 5/8 in.	Push Button.
615	16 x 3 1/2 in.	Push Plate.
625	16 x 3 1/2 in.	Door Pull, with Grip No. 775 (For other Grips, see pages 486 to 489).

Lock Sets

Set Number	Description	Lock	Page	Knobs	Escutcheons
1248TS2	Front Door Set	1248	268	3981	3901 x T3902
1248 1/2 TS2	Vestibule Door Set	1248 1/2	268	3981	3901 x B3902
384 3/4 TS1	Inside Door Set	384 3/4	293	3981	3940 x 3940
029TS1	Latch Set	029	311	3981	B3935 x B3935

One set in a box, with screws.

For Dummy Cylinders, prefix "D."
For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Modern

Modart Design [Symbol Modart]

Cast Brass or Bronze



Suggested Finishes: 11C, 11D, 11Z, 13, 24, 34, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2950	2 x 2 in.	Door Knobs, Simplex Shanks, $\frac{5}{16}$ in. Spindle No. 20.
2951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shanks, $\frac{5}{16}$ in. Spindle No. 20.
3951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Screwless Shanks, $\frac{5}{16}$ in. Spindle No. 30.
3981	2 $\frac{1}{2}$ x 1 $\frac{7}{8}$ in.	Door Knobs (Oval), Screwless Shanks, $\frac{5}{16}$ in. Spindle No. 30.
3952 $\frac{3}{8}$	2 $\frac{3}{8}$ in.	Door Knob Roses, Round.
3962 $\frac{1}{4}$	2 $\frac{7}{16}$ x 2 $\frac{3}{16}$ in.	Door Knob Roses, Square.
910	2 $\frac{3}{4}$ x 2 $\frac{3}{8}$ in.	Cylinder Collar, Square.
910 $\frac{1}{2}$	2 $\frac{3}{8}$ in.	Cylinder Collar, Round.
3901	9 x 2 $\frac{5}{8}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3903*	7 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Cylinder Locks, Inside, 5 $\frac{1}{2}$ in. and larger.
3940	7 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$, and 4 $\frac{1}{2}$ in.
3935	7 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
3990	4 x 2 in.	Escutcheon for Latches.
925	2 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in.	Turn Knob, $\frac{3}{16}$ in. Spindle.
616	15 x 3 $\frac{1}{2}$ in.	Push Plate.
626	15 x 3 $\frac{1}{2}$ in.	Door Pull, with Grip No. 775.
1424 $\frac{1}{2}$	9 $\frac{3}{4}$ x 3 in.	Letter Chutes, with Vertical Plates for 1 $\frac{3}{4}$ in. Door. Opening, 7 x 1 $\frac{1}{2}$ in. Hinged at Top.

*Cannot be cut for Cylinder.

For Lever Handles, see page 213.

For Dummy Cylinders, prefix "D"

For Push Bars, see pages 368, 370.

For Escutcheons with Turn Knobs prefix T to number; for Blank Escutcheons, prefix B to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Modern

Modart Design [Symbol Modart]

Cast Brass or Bronze



1248TS2



384 3/4 HY1



2166M



2850

Illustrations One-fifth Size

Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
1248HY2	1248	268	2951	3901 x T3903
1248 1/2 HY4	1248 1/2	268	2951	3901 x B3903

Office Door Sets

1238 1/2 MHY6	1238 1/2 M	267	2951	3901 x B3901
1239 1/2 MHY6*	1239 1/2 M	268	2951	3901 x B3901
11456MHY6*	11456M	266	2951	3901 x B3901

*Specify hand

Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370 3/4 HY1	0370 3/4	297	2951	3935 x 3935
0374 3/4 HY1	0374 3/4	295	2951	3940 x 3940
380 3/4 HY1	380 3/4	295	2951	3935 x 3935
382 3/4 HY1	382 3/4	296	2951	3940 x 3940
384 3/4 HY1	384 3/4	295	2951	3940 x 3940

Latch Sets

029HY1	029	311	2951	3990 x 3990
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Bath and Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233 1/2 HY1	233 1/2	292	2951	T3935 x T3935
0019 3/4 HY1	0019 3/4	289	2951	3940 x T3940
0022 3/4 MHY1	0022 3/4 M	289	2951	3940 x T3940

Substituting Screwless Knob No. 3951, change letter from HY to HS—No. 3981, from HY to TS.

Unit Locks—Horizontal Type—For Door Stiles not less than 5 in. wide.

Specify hand and thickness of doors on all Unit Locks.

Set Number	For Doors	Page	Knobs	Escutcheons
2150	Front	248	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2156M	Vestibule	248	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2166M	Office	248	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2157M	Office	249	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2166 3/4 M	Office	250	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2159 1/2 M	Entrance	251	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2116M	Entrance	252	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2116 1/4 M	Entrance	254	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2134	Commu-	253	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2135	nicating	253	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.
2145	Latch	254	2 1/4 x 2 1/4	3 3/8 x 4 3/4 in.

Unit Locks—Upright Type—For Door Stiles not less than 4 3/4 in. wide.

Specify hand and thickness of doors on all Unit Locks.

2850	Front	248	2 1/4 x 2 1/4	9 x 3 in.
2856M	Vestibule	248	2 1/4 x 2 1/4	9 x 3 in.
2866M	Office	248	2 1/4 x 2 1/4	9 x 3 in.
2857M	Office	249	2 1/4 x 2 1/4	9 x 3 in.
2866 3/4 M	Office	250	2 1/4 x 2 1/4	9 x 3 in.
2859 1/2 M	Entrance	251	2 1/4 x 2 1/4	9 x 3 in.
2816M	Entrance	252	2 1/4 x 2 1/4	9 x 3 in.
2816 1/4 M	Entrance	254	2 1/4 x 2 1/4	9 x 3 in.
2834	Commu-	253	2 1/4 x 2 1/4	9 x 3 in.
2835	nicating	253	2 1/4 x 2 1/4	9 x 3 in.
2845	Latch	254	2 1/4 x 2 1/4	9 x 3 in.

One set in a box, with screws. For Entrance Handle Sets, see page 193.

School: Greek **Minerva** [Symbol Mva.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, and 46

Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
3951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Screwless Shank, $\frac{5}{16}$ in. Spindle No. 30.
3952 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Door Knob Roses, Round.
3900	13 $\frac{1}{4}$ x 3 $\frac{1}{4}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3940	10 $\frac{1}{4}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
3935	10 $\frac{1}{4}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
925	3 $\frac{5}{8}$ x 1 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	3 $\frac{5}{8}$ x 1 in.	Turn Knob, $\frac{3}{16}$ in. Spindle.
600	5 $\frac{3}{4}$ x 1 $\frac{5}{8}$ in.	Push Button.
615	13 $\frac{1}{4}$ x 3 $\frac{1}{4}$ in.	Push Plate.
625	13 $\frac{1}{4}$ x 3 $\frac{1}{4}$ in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Mission

Monica Design [Symbol Mca.]

Cast Brass or Bronze



Suggested Finishes: 9C, 10, 11, 11C, 11Z, 13, 16½, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2¼ x 2¼ in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
3951	2¼ x 2¼ in.	Door Knobs, Screwless Shank, ⅝ in. Spindle No. 30.
3952¼	2¼ in.	Door Knob Roses, Round.
3900	10⅜ x 2⅞ in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
3902*	7¾ x 2⅞ in.	Escutcheon for Cylinder Locks, Inside.
3940	6¼ x 2⅞ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
3935	6¼ x 2⅞ in.	Escutcheon for Mortise Locks, 3½ in.
938	4½ x 1 in.	Escutcheon for Mortise Locks, with Lever No. 060½.
925	2⅞ x 1 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2⅞ x 1 in.	Turn Knob, ⅝ in. Spindle.
600	3⅞ x 1⅝ in.	Push Button.
615	10⅜ x 2⅞ in.	Push Plate.
625	10⅜ x 2⅞ in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).

* Cannot be cut for Cylinder.

Lock Sets

Set Number	Description	Lock	Page	Knobs	Escutcheons
1248HY2	Front Door Set	1248	268	2951	3900 x T3902
1248½HY2	Vestibule Door Set	1248½	268	2951	3900 x B3902
380¾HY1	Inside Door Set	380¾	295	2951	3935 x 3935
029HY1	Latch Set	029	311	2951	B3935 x B3935

Substituting Screwless Knob No. 3951, change letter from HY to HS.

One set in a box, with screws.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

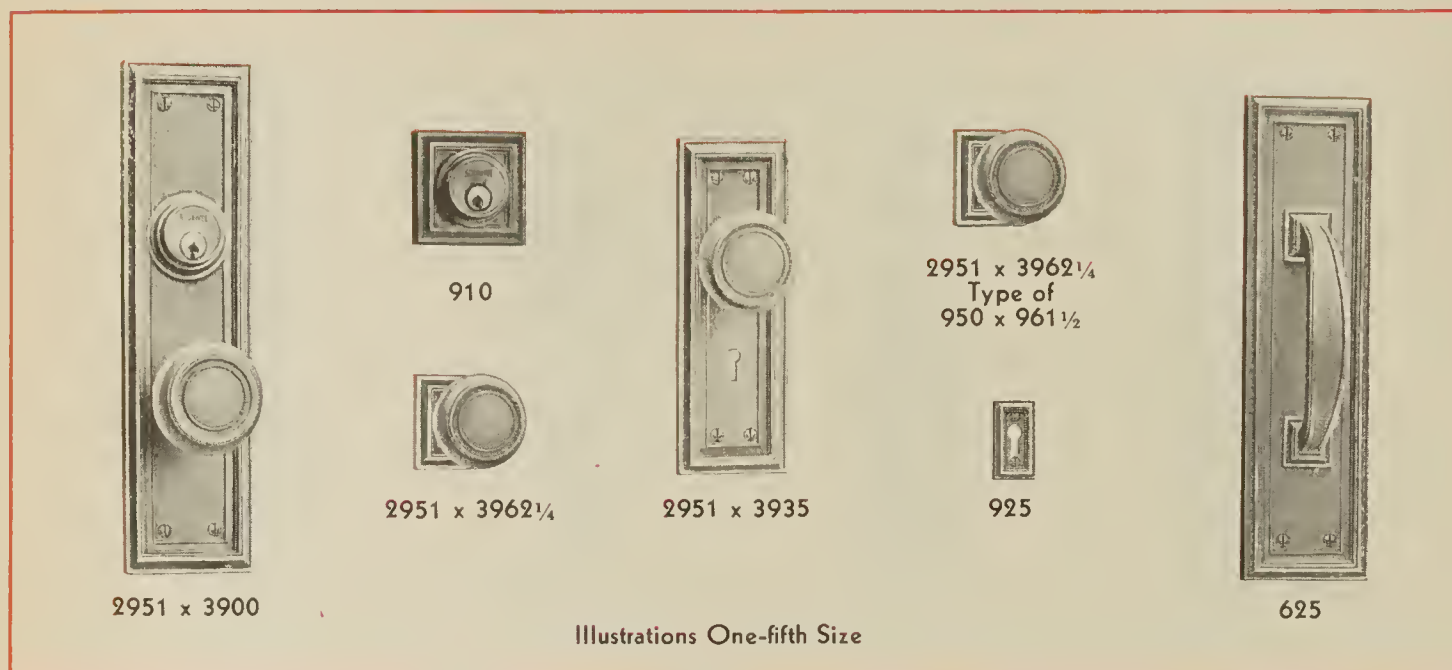
When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: French Renaissance

Niantic Design [Symbol Ntic.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, and 46

Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
2957	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3962 1/4	2 1/4 x 2 1/4 in.	Door Knob Roses, Square.
950	1 1/2 in.	Mortise Bolt Knob, Rose No. 961 1/2, Spindle No. 5.
910	2 1/2 x 2 1/2 in.	Cylinder Collar, Square.
3900	11 1/2 x 3 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3901	8 x 3 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3902*	7 1/2 x 2 1/2 in.	Escutcheon for Cylinder Locks, Inside.
3940	7 1/2 x 2 1/2 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	7 1/2 x 2 1/2 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	1 7/8 x 1 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	1 7/8 x 1 in.	Turn Knob, 5/16 in. Spindle.
454	1 1/2 x 3 3/4 in.	Sash Lift, Flush.
525	1 3/4 x 6 in.	Sash Lift, Bar.
600	3 3/4 x 1 1/2 in.	Push Button.
602	2 1/2 x 2 1/2 in.	Push Button.
615	11 1/2 x 3 in.	Push Plate.
616	16 1/4 x 3 1/2 in.	Push Plate.
625	11 1/2 x 3 in.	Door Pull, with Grip No. 780 (For other Grips, see pages 486 to 489).
626	16 1/4 x 3 1/2 in.	Door Pull, with Grip No. 781 (For other Grips, see pages 486 to 489).
1420	2 5/8 x 7 in.	Letter Box Plate, Outside, Horizontal Opening, 5 3/8 x 1 5/16 in.
1420 1/2	2 5/8 x 8 in.	Letter Box Hood, Inside.
1424 1/2	.....	Letter Chutes, with Vertical Plates for 1 3/4 in. Door. Opening, 7 x 1 1/2 in. Hinged at Top.

* Cannot be cut for Cylinder.

For Dummy Cylinders, prefix "D."

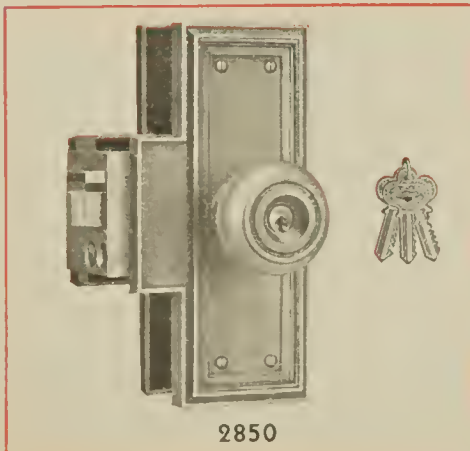
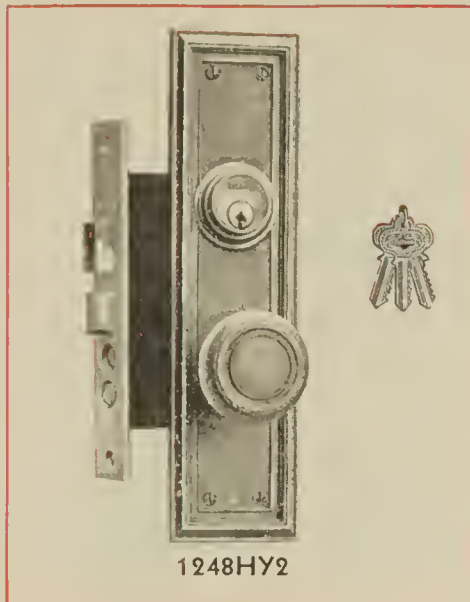
For Escutcheons with Turn Knobs, prefix "T" to number, for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: French Renaissance

Niantic Design [Symbol Ntic.]



Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
1238HY2	1238	267	2951	3900 x T3902
1238 1/2 HY4	1238 1/2	267	2951	3901 x B3902
1248HY2	1248	268	2951	3900 x T3902
1248 1/2 HY4	1248 1/2	268	2951	3901 x B3902

Office Door Sets

1238 1/2 MHY6	1238 1/2 M	267	2951	3901 x B3901
1239 1/2 MHY6*	1239 1/2 M	268	2951	3901 x B3901
11456MHY6*	11456M	266	2951	3901 x B3901

*Specify hand.

Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370 3/4 HY1	0370 3/4	297	2951	3935 x 3935
0374 3/4 HY1	0374 3/4	295	2951	3940 x 3940
380 3/4 HY1	380 3/4	295	2951	3935 x 3935
382 3/4 HY1	382 3/4	296	2951	3940 x 3940
384 3/4 HY1	384 3/4	295	2951	3940 x 3940

Latch Sets

029HY1	029	311	2951	B3935 x B3935
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Bath and Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233 1/2 HY1	233 1/2	292	2951	T3935 x T3935
0019 3/4 HY1	0019 3/4	289	2951	3940 x T3940
0022 3/4 MHY1	0022 3/4 M	289	2951	3940 x T3940

Substituting Screwless Knob No. 3951, change letter from HY to HS.

Unit Locks—Horizontal Type

For Door Stiles not less than 5 in. wide.

Specify hand and thickness of doors on all Unit Locks.

Set Number	For Doors	Page	Knobs	Escutcheons
2150	Front	248	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2156M	Vestibule	248	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2166M	Office	248	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2157M	Office	249	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2166 3/4 M	Office	250	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2159 1/2 M	Entrance	251	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2116M	Entrance	252	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2116 1/4 M	Entrance	254	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2134	Communi-	253	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2135	cating	253	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.
2145	Latch	254	2 1/4 x 2 1/4	3 3/8 x 4 7/8 in.

Unit Locks—Upright Type

For Door Stiles not less than 4 3/4 in. wide.

Specify hand and thickness of doors on all Unit Locks.

2850	Front	248	2 1/4 x 2 1/4	8 1/4 x 3 in.
2856M	Vestibule	248	2 1/4 x 2 1/4	8 1/4 x 3 in.
2866M	Office	248	2 1/4 x 2 1/4	8 1/4 x 3 in.
2857M	Office	249	2 1/4 x 2 1/4	8 1/4 x 3 in.
2866 3/4 M	Office	250	2 1/4 x 2 1/4	8 1/4 x 3 in.
2859 1/2 M	Entrance	251	2 1/4 x 2 1/4	8 1/4 x 3 in.
2816M	Entrance	252	2 1/4 x 2 1/4	8 1/4 x 3 in.
2816 1/4 M	Entrance	254	2 1/4 x 2 1/4	8 1/4 x 3 in.
2834	Communi-	253	2 1/4 x 2 1/4	8 1/4 x 3 in.
2835	cating	253	2 1/4 x 2 1/4	8 1/4 x 3 in.
2845	Latch	254	2 1/4 x 2 1/4	8 1/4 x 3 in.

One set in a box, with screws. For Entrance Handle Sets, see pages 194, 200.

Illustrations One-fifth Size

Northmoor and Olympus

School: Tudor Gothic

School: Greek

Cast Brass or Bronze



Northmoor Design

Suggested Finishes: 9C, 11C, 11Z, 13, 16½, and 46

Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2¼ x 2¼ in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
3951	2¼ x 2¼ in.	Door Knobs, Screwless Shank, ⅝ in. Spindle No. 30.
3952¼	2¼ in.	Door Knob Roses, Round.
3900	12¼ x 3⅜ in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
3901	9 x 2¾ in.	Escutcheon for Cylinder Locks, Inside.
3940	8 x 2¾ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
3935	8 x 2¾ in.	Escutcheon for Mortise Locks, 3½ in.
925	2⅛ x 1 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2⅛ x 1 in.	Turn Knob, ⅝ in. Spindle.
525	1⅝ x 6 in.	Sash Lift, Bar.
600	4¾ x 2 in.	Push Button.
615	12¼ x 3⅜ in.	Push Plate.
616	18¼ x 3¾ in.	Push Plate.
625	12¼ x 3⅜ in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
626	18¼ x 3¾ in.	Door Pull, with Grip No. 076¼ (For other Grips, see pages 486 to 489).

Olympus Design

Suggested Finishes: 9C, 11C, 11Z, 13 and (46 on Iron only)

Number	Size	Description
2951	2¼ x 2¼ in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
3952¼	2¼ in.	Door Knob Roses, Round.
3900	10¼ x 2½ in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
3940	8¼ x 2¼ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
3935	8¼ x 2¼ in.	Escutcheon for Mortise Locks, 3½ in.
925	2⅝ x 1⅛ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2⅝ x 1⅛ in.	Turn Knob, ⅝ in. Spindle.
600	4¾ x 1⅜ in.	Push Button.
615	10¼ x 2½ in.	Push Plate.

For Olympus Entrance Handle Sets, see page 201.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Prockter and Saybrook

School: Colonial

Cast Brass or Bronze



Prockter Design

Suggested Finishes Saybrook and Prockter Designs: 9, 10, 11, 11D, 11Z, 13, 14, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2376	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3112 1/4	2 1/4 in.	Door Knob Roses, Round.
910	2 3/8 in.	Cylinder Collar, Round.
970	2 7/8 in.	Escutcheon for Mortise Locks, Sliding Door.
926	1 3/8 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	1 3/4 in.	Turn Knob, 3/16 in. Spindle.
454	1 3/8 x 3 5/8 in.	Sash Lift, Flush.
600	2 1/2 in.	Push Button.
635	7 1/2 x 2 in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).

Lock Sets

Set Number	Description	Lock	Page	Knobs, Roses	Escutcheons
1248LY1 Proc.	Front Door Set	1248	268	2376 x 3112 1/4	910 x 920
0370 3/4 LY1 Proc.	Inside Door Set	0370 3/4	297	2376 x 3112 1/4	926 x 926

Saybrook Design

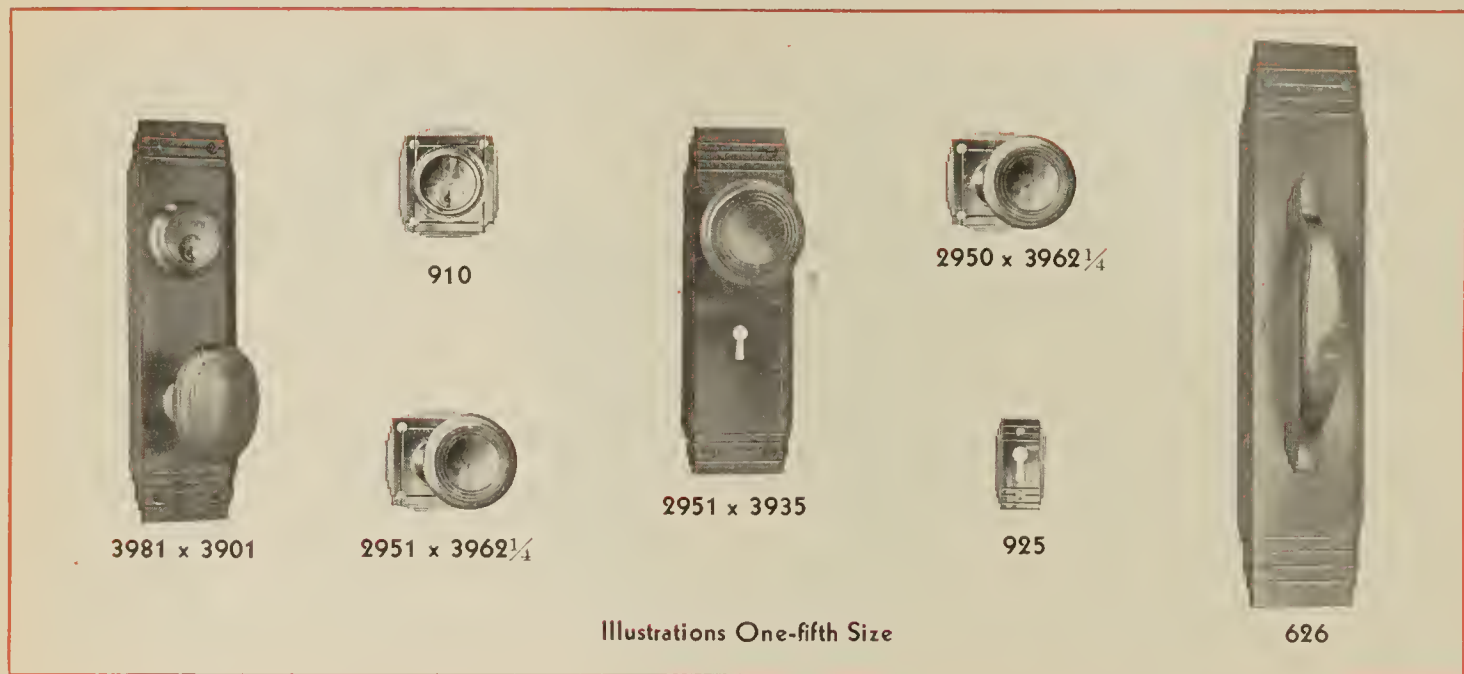
Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3172 1/4	2 1/4 in.	Door Knob Roses, Round.
910	2 3/4 in.	Cylinder Collar, Round.
970	3 in.	Escutcheon for Mortise Locks, Sliding Door.
925	1 1/4 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	1 1/4 in.	Turn Knob, 3/16 in. Spindle.
454	1 1/4 x 3 1/4 in.	Sash Lift, Flush.
600	2 3/4 in.	Push Button.
635	7 1/2 x 2 in.	Door Pull, with Grip No. 076 (For other Grips, see pages 486 to 489).

Lock Sets

Set Number	Description	Lock	Page	Knobs, Roses	Escutcheons
1248HS1 Say.	Front Door Set	1248	268	3951 x 3172 1/4	910 x 920
0370 3/4 HS1 Say.	Inside Door Set	0370 3/4	297	3951 x 3172 1/4	925 x 925

One set in a box, with screws. For Entrance Handle Sets, see pages 195, 196. For Dummy Cylinders, prefix "D."
For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Modern **Pyramid Design** [Symbol Pyramid]
Cast Brass or Bronze



Suggested Finishes: 11C, 11D, 11Z, 13, 24, 34, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2950	2 x 2 in.	Door Knobs, Simplex Shanks, $\frac{5}{16}$ in. Spindle No. 20.
2951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shanks, $\frac{5}{16}$ in. Spindle No. 20.
3951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Screwless Shanks, $\frac{5}{16}$ in. Spindle No. 30.
3981	2 $\frac{1}{2}$ x 1 $\frac{7}{8}$ in.	Door Knobs (Oval), Screwless Shanks, $\frac{5}{16}$ in. Spindle No. 30.
3952 $\frac{3}{8}$	2 $\frac{3}{8}$ in.	Door Knob Roses, Round.
3962 $\frac{1}{4}$	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knob Roses, Square.
910	2 $\frac{1}{2}$ x 2 $\frac{5}{16}$ in.	Cylinder Collar, Square.
910 $\frac{1}{2}$	2 $\frac{3}{8}$ in.	Cylinder Collar, Round.
911	3 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Cylinder Collar, Oblong.
3901	9 x 2 $\frac{5}{8}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
3903*	7 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Cylinder Locks, Inside, 5 $\frac{1}{2}$ in. and larger.
3940	7 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
3935	7 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
3990	4 x 2 in.	Escutcheon for Latches.
925	2 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in.	Turn Knob, $\frac{3}{16}$ in. Spindle.
602	4 x 2 in.	Push Button.
616	15 x 3 $\frac{1}{2}$ in.	Push Plate.
626	15 x 3 $\frac{1}{2}$ in.	Door Pull, with Grip No. 775.
1421†	9 $\frac{1}{2}$ x 2 $\frac{3}{4}$ in.	Letter Box Plate, Outside, Horizontal Opening 7 x 1 $\frac{1}{2}$ in.
1421 $\frac{1}{2}$ †	9 $\frac{5}{8}$ x 2 $\frac{3}{4}$ in.	Letter Box Hood, Inside.
1424 $\frac{1}{2}$	9 $\frac{3}{4}$ x 3 in.	Letter Chutes, with Vertical Plates for 1 $\frac{3}{4}$ in. Door. Opening, 7 x 1 $\frac{1}{2}$ in. Hinged at Top.

*Cannot be cut for Cylinder.

For Lever Handles, see page 213.

For Dummy Cylinders, prefix "D"

†Can be furnished with Cast Chutes for 1 $\frac{3}{4}$ inch doors.

For Push Bars, see pages 368, 370.

For Escutcheons with Turn Knobs, prefix T to number; for Blank Escutcheons, prefix B to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Modern

Pyramid Design

[Symbol Pyramid]

Cast Brass or Bronze

Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
1248HY2	1248	268	2951	3901 x T3903
1248 1/2HY4	1248 1/2	268	2951	3901 x B3903



Office Door Sets

1238 1/2MHY6	1238 1/2M	267	2951	3901 x B3901
1239 1/2MHY6*	1239 1/2M	268	2951	3901 x B3901
11456MHY6*	11456M	266	2951	3901 x B3901

*Specify hand

Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370 3/4HY1	0370 3/4	297	2951	3935 x 3935
380 3/4HY1	380 3/4	297	2951	3935 x 3935
382 3/4HY1	382 3/4	296	2951	3940 x 3940



Latch Sets

029HY1	029	311	2951	3990 x 3990
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Bath and Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233 1/2HY1	233 1/2	292	2951	T3935 x T3935
0022 3/4MHY1	0022 3/4M	289	2951	3940 x T3940

Substituting Screwless Knob No. 3951 change letter from HY to HS. No. 3981, from HY to TS.

Unit Locks—Horizontal Type—For Door Stiles not less than 5 in. wide. Specify hand and thickness of doors on all Unit Locks.

Set Number	For Doors	Page	Knobs	Escutcheons
2150	Front	248	2 1/4 x 2 1/4	3 3/4 x 4 7/8 in.
2156M	Vestibule	248	2 1/4 x 2 1/4	3 3/4 x 4 7/8 in.
2166M	Office	248	2 1/4 x 2 1/4	3 3/4 x 4 7/8 in.
2157M	Office	249	2 1/4 x 2 1/4	3 3/4 x 4 7/8 in.
2166 3/4M	Office	250	2 1/4 x 2 1/4	3 3/4 x 4 7/8 in.
2159 1/2M	Entrance	251	2 1/4 x 2 1/4	3 3/4 x 4 7/8 in.
2116M	Entrance	252	2 1/4 x 2 1/4	3 3/4 x 4 7/8 in.
2116 1/4M	Entrance	254	2 1/4 x 2 1/4	3 3/4 x 4 7/8 in.
2134	Commu-	253	2 1/4 x 2 1/4	3 3/4 x 4 7/8 in.
2135	nicating	253	2 1/4 x 2 1/4	3 3/4 x 4 7/8 in.
2145	Latch	254	2 1/4 x 2 1/4	3 3/4 x 4 7/8 in.



Unit Locks—Upright Type—For Door Stiles not less than 4 3/4 in. wide. Specify hand and thickness of doors on all Unit Locks.

2850	Front	248	2 1/4 x 2 1/4	9 x 2 15/16 in.
2856M	Vestibule	248	2 1/4 x 2 1/4	9 x 2 15/16 in.
2866M	Office	248	2 1/4 x 2 1/4	9 x 2 15/16 in.
2857M	Office	249	2 1/4 x 2 1/4	9 x 2 15/16 in.
2866 3/4M	Office	250	2 1/4 x 2 1/4	9 x 2 15/16 in.
2859 1/2M	Entrance	251	2 1/4 x 2 1/4	9 x 2 15/16 in.
2816M	Entrance	252	2 1/4 x 2 1/4	9 x 2 15/16 in.
2816 1/4M	Entrance	254	2 1/4 x 2 1/4	9 x 2 15/16 in.
2834	Commu-	253	2 1/4 x 2 1/4	9 x 2 15/16 in.
2835	nicating	253	2 1/4 x 2 1/4	9 x 2 15/16 in.
2845	Latch	254	2 1/4 x 2 1/4	9 x 2 15/16 in.

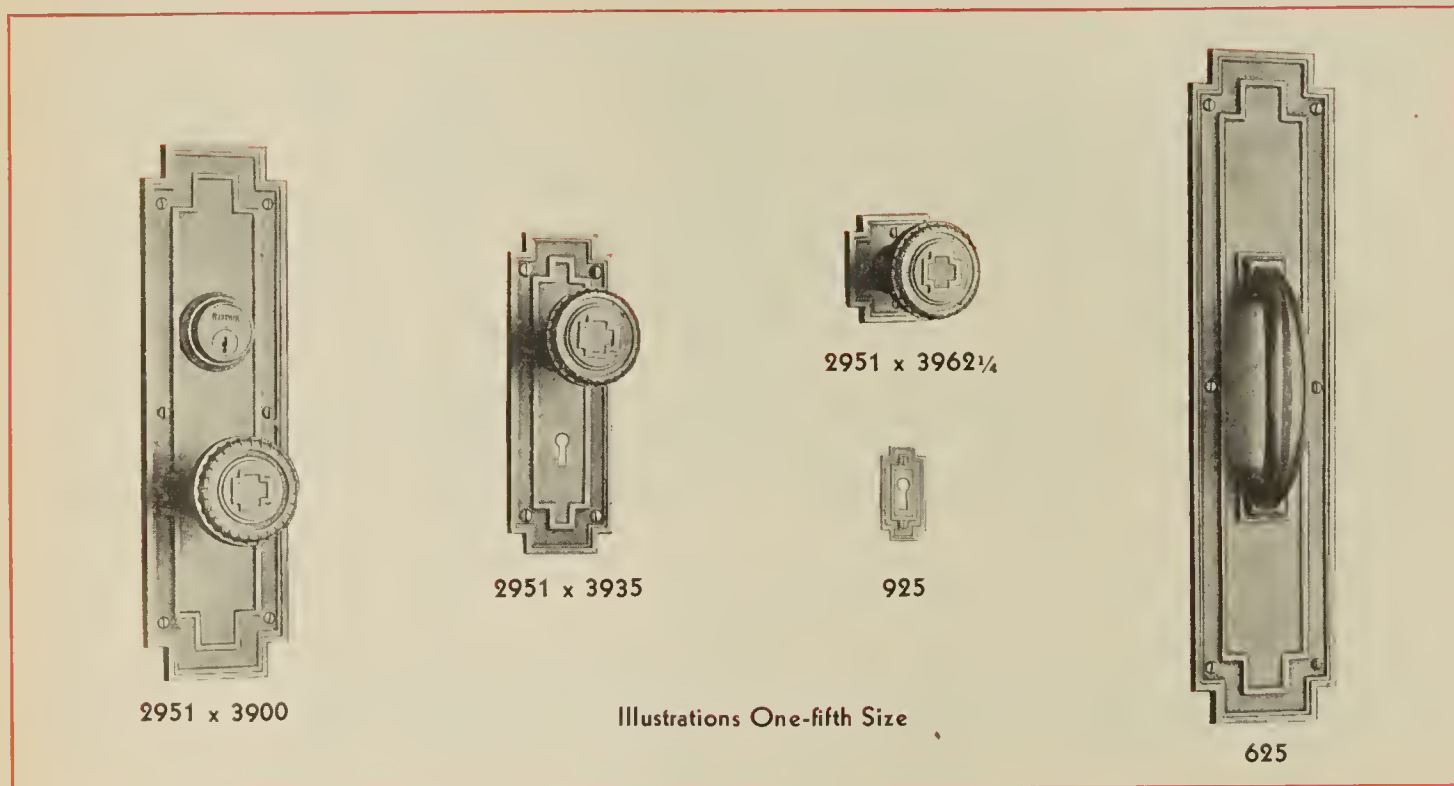


Illustrations One-fifth Size

One set in a box, with screws. For Entrance Handle Sets, see pages 195, 201.

School: Greek **Thetis** [Symbol The.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, and 46
Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3962 1/4	2 1/4 x 2 1/4 in.	Door Knob Roses, Square.
3900	12 x 3 1/2 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3901	9 x 3 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3940	7 1/4 x 2 1/2 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	7 1/4 x 2 1/2 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	2 1/4 x 1 1/8 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 1/4 x 1 1/8 in.	Turn Knob, 3/16 in. Spindle.
525	1 3/8 x 5 3/4 in.	Sash Lift, Bar.
600	4 x 1 3/4 in.	Push Button.
615	15 x 3 1/2 in.	Push Plate.
625	15 x 3 1/2 in.	Door Pull, with Grip No. 780 (For other Grips, see pages 486 to 489).
1420	2 1/2 x 8 1/2 in.	Letter Box Plate, Outside, Horizontal Opening 5 1/2 x 1 5/16 in.
1420 1/2	2 9/16 x 9 1/4 in.	Letter Box Hood, Inside.

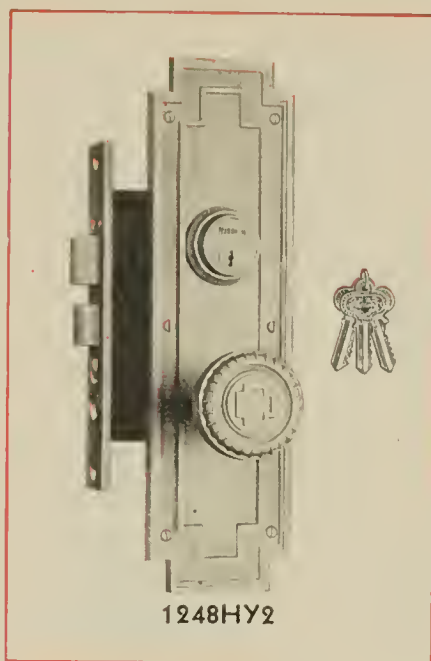
For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number, for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Greek **Thetis** [Symbol The.]



Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
1238HY2	1238	267	2951	3900 x T3901
1238½HY4	1238½	267	2951	3901 x B3901
1248HY2	1248	268	2951	3900 x T3901
1248½HY4	1248½	268	2951	3901 x B3901

Office Door Sets

1238½MHY4	1238½M	267	2951	3901 x B3901
1239½MHY4*	1239½M	268	2951	3901 x B3901
11456MHY4*	11456M	266	2951	3901 x B3901

* Specify hand.

Inside Door Sets

0370HY1	0370	297	2951	3935 x 3935
0370¾HY1	0370¾	297	2951	3935 x 3935
0374¾HY1	0374¾	295	2951	3940 x 3940
380¾HY1	380¾	295	2951	3935 x 3935
382¾HY1	382¾	296	2951	3940 x 3940
384¾HY1	384¾	295	2951	3940 x 3940

Latch Sets

029HY1	029	311	2951	B3935 x B3935
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Bath and Communicating Door Sets

233HY1	233	292	2951	B3935 x T3935
233½HY1	233½	292	2951	T3935 x T3935
0019¾HY1	0019¾	289	2951	3940 x T3940
0022¾MHY1	0022¾M	289	2951	3940 x T3940

Substituting Screwless Knobs No. 3951, change letter from HY to HS.



Unit Locks—Upright Type

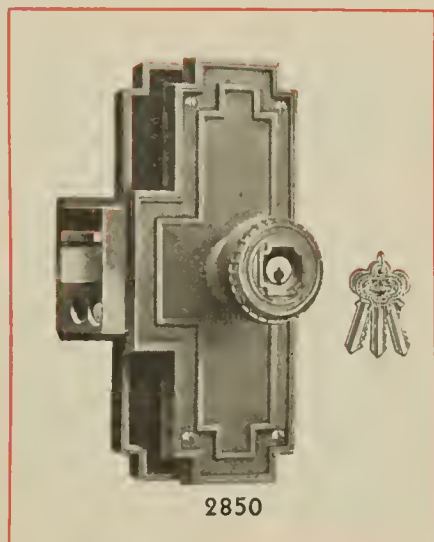
For Door Stiles not less than 4¾ in. wide.

Specify hand and thickness of doors on all Unit Locks.

Set Number	For Doors	Page	Knobs	Escutcheons
2850	Front	248	2¼ x 2¼	9 x 3 in.
2856M	Vestibule	248	2¼ x 2¼	9 x 3 in.
2866M	Office	248	2¼ x 2¼	9 x 3 in.
2857M	Office	249	2¼ x 2¼	9 x 3 in.
2866¾M	Office	250	2¼ x 2¼	9 x 3 in.
2859½M	Entrance	251	2¼ x 2¼	9 x 3 in.
2816M	Entrance	252	2¼ x 2¼	9 x 3 in.
2816¼M	Entrance	254	2¼ x 2¼	9 x 3 in.
2834	Commu-	253	2¼ x 2¼	9 x 3 in.
2835	ninating	253	2¼ x 2¼	9 x 3 in.
2845	Latch	254	2¼ x 2¼	9 x 3 in.

One set in a box, with screws.

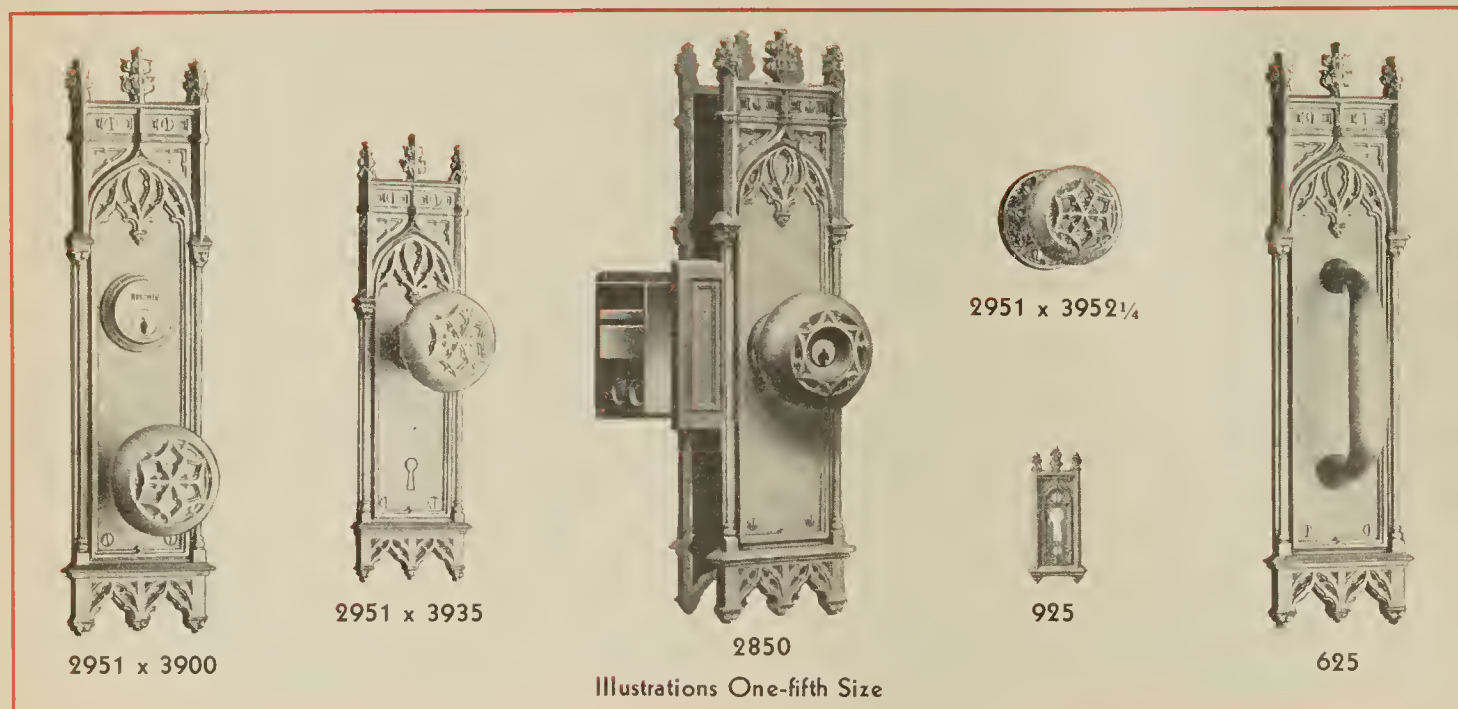
For Entrance Handle Sets, see page 201.



Illustrations One-fifth Size

School: Gothic **Toulon** [Symbol Tou.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, 32, and 46

Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3900	13 1/4 x 3 5/8 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3901	11 1/4 x 2 7/8 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3940	10 x 2 7/8 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	10 x 2 7/8 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	2 1/4 x 1 1/4 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2 1/4 x 1 1/4 in.	Turn Knob, 3/16 in. Spindle.
600	5 3/4 x 2 1/8 in.	Push Button.
615	13 1/4 x 3 5/8 in.	Push Plate.
616	19 x 3 5/8 in.	Push Plate.
625	13 1/4 x 3 5/8 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
626	19 x 3 5/8 in.	Door Pull, with Grip No. 076 1/4 (For other Grips, see pages 486 to 489).

Lock Sets

Set Number	Description	Lock	Page	Knobs	Escutcheons
1248HY2	Front Door Set	1248	268	2951	3900 x T3901
1248 1/2 HY2	Vestibule Door Set	1248 1/2	268	2951	3900 x B3901
384 3/4 HY1	Inside Door Set	384 3/4	295	2951	3940 x 3940
029HY1	Latch Set	029	311	2951	B3935 x B3935

Substituting Screwless Knob No. 3951, change letter from HY to HS.

Upright Type Unit Locks, for Door Stiles not less than 4 3/4 inches wide, can be furnished in all standard functions.

Specify hand and thickness of door on all Unit Locks.

One set in a box, with screws.

For Entrance Handle Sets, see page 201.

For Dummy Cylinders, prefix "D."

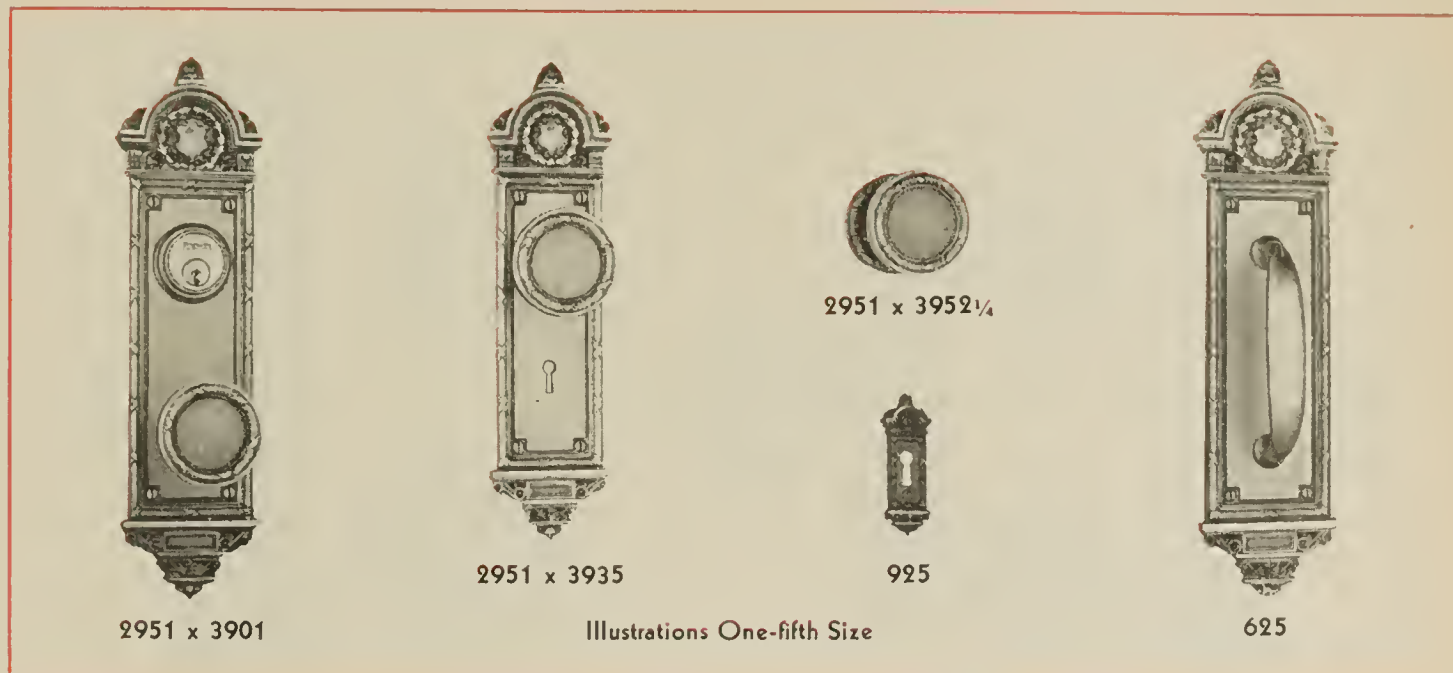
For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Italian Renaissance **Vignola** [Symbol Vig.]

Cast Brass or Bronze



Suggested Finishes: 9C, 10, 11, 11C, 11Z, 13, and 24

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round.
3901	12 x 2 7/8 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
3940	10 1/2 x 2 7/8 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
3935	10 1/2 x 2 7/8 in.	Escutcheon for Mortise Locks, 3 1/2 in.
925	3 x 1 1/8 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	3 x 1 1/8 in.	Turn Knob, 3/16 in. Spindle.
600	6 x 2 1/2 in.	Push Button.
615	12 x 3 3/8 in.	Push Plate.
625	12 x 3 3/8 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).

Lock Sets

Set Number	Description	Lock	Page	Knobs	Escutcheons
1248HY2	Front Door Set	1248	268	2951	3901 x T3901
1248 1/2 HY2	Vestibule Door Set	1248 1/2	268	2951	3901 x B3901
384 3/4 HY1	Inside Door Set	384 3/4	295	2951	3940 x 3940
029HY1	Latch Set	029	311	2951	B3935 x B3935

Substituting Screwless Knob No. 3951, change letter from HY to HS.

For Dummy Cylinders, prefix "D."

One set in a box, with screws.

For Entrance Handle Sets, see page 201.

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

School: Gothic

Warwick Design [Symbol War.]

Cast Brass or Bronze



Suggested Finishes: 9C, 11C, 11Z, 13, 16½, and 46

Finish 46 Furnished on Iron Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2951	2¼ x 2¼ in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
3951	2¼ x 2¼ in.	Door Knobs, Screwless Shank, ⅝ in. Spindle No. 30.
3952¼	2¼ in.	Door Knob Roses, Round.
3900	12¼ x 3¼ in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
3902*	9¼ x 2¾ in.	Escutcheon for Cylinder Locks, Inside.
3940	9¼ x 2¾ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
3935	9¼ x 2¾ in.	Escutcheon for Mortise Locks, 3½ in.
925	2⅞ x 1⅞ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	2⅞ x 1⅞ in.	Turn Knob, ⅝ in. Spindle.
615	15 x 3½ in.	Push Plate.
616	18 x 3¾ in.	Push Plate.
617	22 x 4 in.	Push Plate.
625	15 x 3½ in.	Door Pull, with Grip 076 (For other Grips, see pages 486 to 489).
626	18 x 3¾ in.	Door Pull, with Grip 076¼ (For other Grips, see pages 486 to 489).
627	22 x 4 in.	Door Pull, with Grip 076¾ (For other Grips, see pages 486 to 489).

*Cannot be cut for Cylinder.

Lock Sets

Set Number	Description	Lock	Page	Knobs	Escutcheons
1248HY2	Front Door Set	1248	268	2951	3900 x T3902
1248½HY2	Vestibule Door Set	1248½	268	2951	3900 x B3902
384¾HY1	Inside Door Set	384¾	295	2951	3940 x 3940
029HY1	Latch Set	029	311	2951	B3935 x B3935

Substituting Screwless Knob No. 3951, change letter from HY to HS.

One set in a box, with screws.

For Dummy Cylinders, prefix "D."

For Entrance Handle Sets, see page 202.

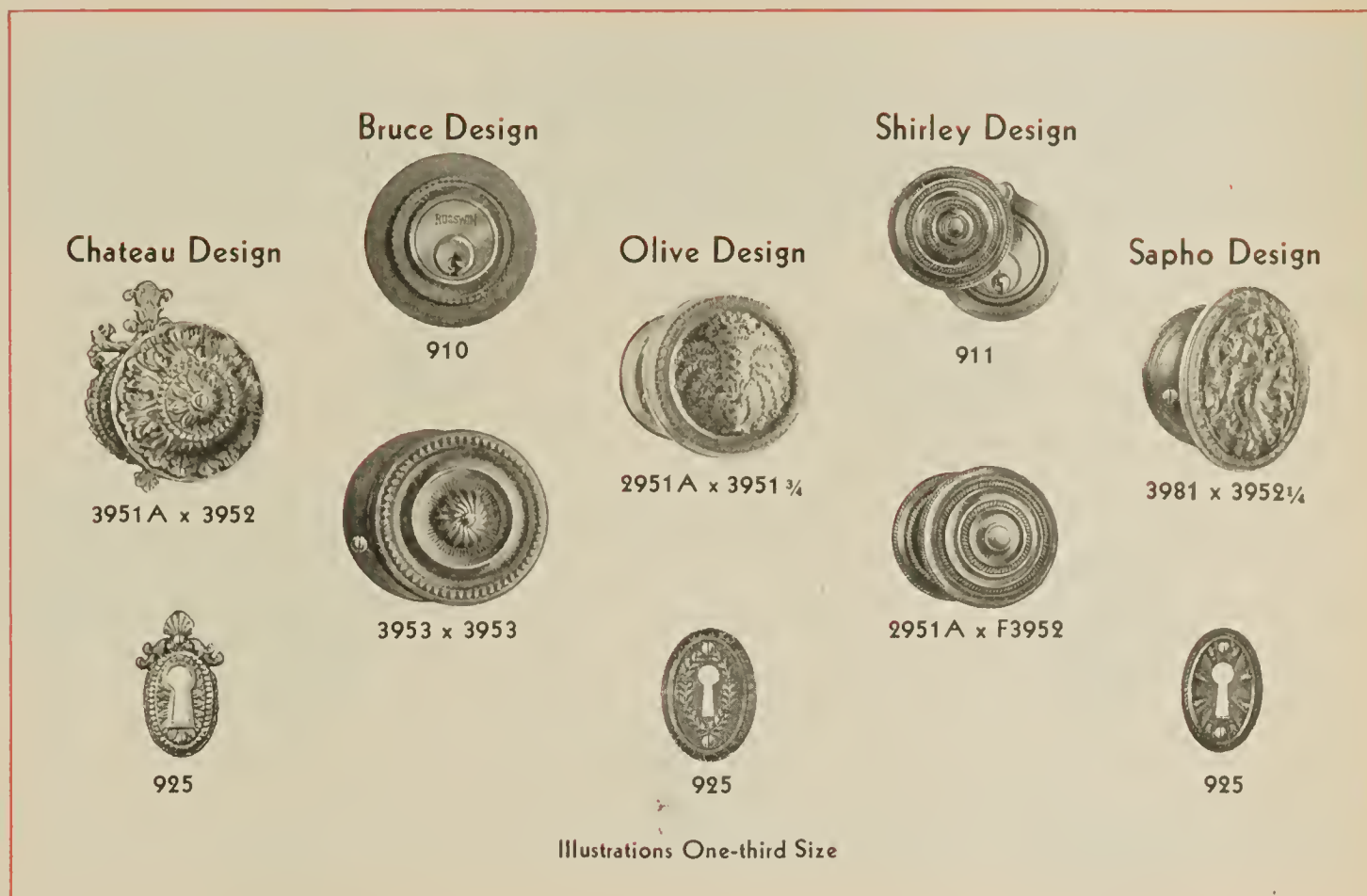
For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Special Cast Trim

Cast Brass or Bronze



Specify Number, Design, Finish, Size, Hand and Backset Where Required

Bruce Design

Number	Size	Description
3953	2 1/2 x 2 1/2 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3953	2 5/8 in.	Door Knob Roses, Round.
910	2 5/8 in.	Cylinder Collar.
Chateau Design		
3951 A	2 1/4 x 2 1/4 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952	3 3/8 x 1 7/8 in.	Door Knob Roses.
925	2 1/8 x 1 1/4 in.	Escutcheon for Bit-Key Locks (Key-Plate).
966	4 3/4 x 1 7/8 in.	Combined Rose and Indicator (See page 230).
920	2 1/8 x 1 1/4 in.	Turn Knob, 3/16 in. Spindle.
Olive Design		
2951 A	2 1/4 x 2 1/4 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
3951 3/4	1 7/8 in.	Door Knob Roses, Round.
925	2 x 1 1/2 in.	Escutcheon for Bit-Key Locks (Key-Plate).
Sapho Design		
3981	2 5/8 x 1 7/8 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3952 1/4	2 1/4 in.	Door Knob Roses, Round (Clinton).
925	1 3/4 x 1 1/4 in.	Escutcheon for Bit-Key Locks (Key-Plate).
3753	3 1/4 in.	Lever Handle, Screwless Shank, 5/16 in. Spindle No. 30 (See page 213).
Shirley Design		
2951 A	2 x 2 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
F3952	2 in.	Door Knob Roses, Round.
911	2 in.	Cylinder Collar with Drop Cover.

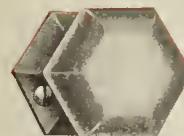
Special Cast Trim

Cast Brass or Bronze

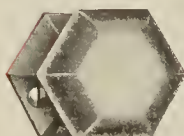
Hayden Design



910



2950 x 2950



2950 x 2950

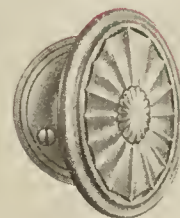


925

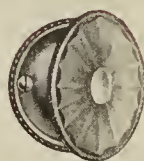
Sunburst Design



910



3983 x 3952 1/4



980 x 980



3981 A x 3952



925

Illustrations One-third Size

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Hayden Design

Number	Size	Description
2950	2 x 2 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20.
2950	2 in.	Door Knob Roses, Hexagonal.
910	2 1/4 x 2 1/2 in.	Cylinder Collar.
925	1 3/8 x 1 5/8 in.	Escutcheon for Bit-Key Locks (Key-Plate).

Sunburst Design

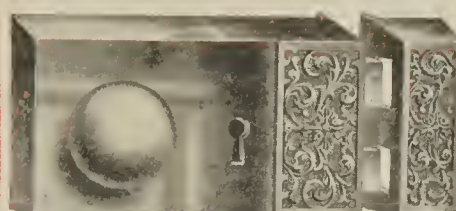
980	2 x 1 1/4 in.	Door Knobs, Plain Shank, 5/16 in. Spindle No. 10.
3981 A	2 3/8 x 1 3/8 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
3983	3 x 1 7/8 in.	Door Knobs, Screwless Shank, 5/16 in. Spindle No. 30.
980	1 3/4 in.	Door Knob Roses, Round.
3952	2 in.	Door Knob Roses, Round, with scalloped edge.
3952 1/4	2 1/4 in.	Door Knob Roses, Round (Clinton).
910	2 in.	Cylinder Collar.
925	2 x 1 1/4 in.	Escutcheon for Bit-Key Locks (Key-Plate).

Distinctive Rim Locks

Cast Brass, Bronze or Iron



Lock 4500, Knob 4500



Lock 4501, Knob 21378



Lock 4502, Drop Handle 123

Nos. 4500, 4501, 4502, 4503, 4504

- Case: $3\frac{3}{8} \times 5\frac{13}{16} \times 1$ in. Cast Brass or Bronze.
- Hand: Not reversible, specify hand, pages 236, 237.
- Backset: Front to keyhole $2\frac{1}{8}$ in., Front to Knob Hub $4\frac{1}{4}$ in.
- Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
- Strike: Cast Brass or Bronze, Box.
- Bolts: Cast Brass, Latch Construction: Type EC, page 239.
- Tumblers: 3, Changes 25.
- Keys: 1 Brass, Class No. 54, page 340.
- Operation: Latch bolt can be operated by knobs from either side at all times. In addition there is a dead bolt operated by key from either side.



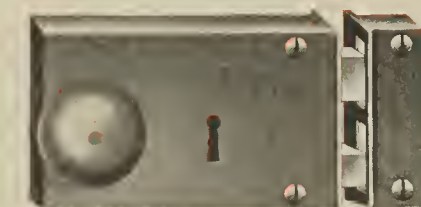
Lock 4503, Knob 21378



Lock 4504, Knob 21375

568

- Case: $3\frac{3}{16} \times 5\frac{1}{4}$ in., Cast Brass or Bronze.
- Hand: Not reversible, specify hand, pages 236, 237.
- Backset: Front to keyhole $2\frac{1}{4}$ in., Front to knob hub $4\frac{3}{8}$ in.
- Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
- Strike: Cast Brass or Bronze, Box, or with flat reverse bevel.
- Bolts: Cast Brass.
- Tumblers: 1, Changes: 12.
- Keys: 1 Brass, Class No. 54 $\frac{1}{4}$, page 351.
- Operation: Latch bolt can be operated by knobs from either side at all times. In addition there is a dead bolt operated by key from either side.



Lock 568, Knob 2337
Type of 268

268

- Description: Same as 568, except has Cast Iron Case and Strike, Ebony Black.
- Operation: Same as 568.

Specify Number, Trim desired and Finish. Finishes described on pages 16 to 18.

One in a box, with screws.

Distinctive Rim Locks

Cast Brass or Bronze



Lock 4514, Knob 2348

4514

- Case: $4\frac{1}{16} \times 7\frac{3}{8} \times 1$ in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, pages 236, 237.
 Backset: Front to keyhole $1\frac{1}{16}$ in., Front to knob hub $4\frac{7}{8}$ in.
 Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
 Strike: Cast Brass or Bronze, Box.
 Bolts: Cast Brass, Latch Construction: Type F, page 239.
 Tumblers: 3, Changes: 12, not master-keyed.
 Keys: 1 Cast Brass with Steel bit, Class No. 65 $\frac{1}{4}$, page 351.
 Master-Keying: Can be master-keyed in 6 sets of 25 each or less, all different with master key for each and grand-master key for all, or 1 set of 150 all different.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition there is a dead bolt operated by key from either side.



Lock 4515, Knob 2348

4515

- Case: $5 \times 8\frac{1}{16} \times 1\frac{1}{16}$ in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, pages 236, 237.
 Backset: Front to turn knob hub $2\frac{1}{16}$ in., Front to knob hub $6\frac{1}{16}$ in.
 Knob Hub: Brass for $\frac{5}{16} \times \frac{3}{8}$ in. Swivel Spindle.
 Strike: Cast Brass or Bronze Box.
 Bolts: Cast Brass, Latch Construction: Type EC, page 239.
 Cylinder: 1 No. 6, 6 Pins, for $1\frac{3}{4}$ in. doors. (Specify thickness of door.) Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
 Operation: Latch bolt can be operated by knobs from either side, except when outside knob is set by stops in face of lock. When outside knob is set latch bolt can be operated by key only from outside and by knob from inside.

In addition it has a dead bolt operated by key from outside and by turn knob from inside. A continuous turn of key or turn knob will withdraw both dead and latch bolt.



Lock 4516, Knob 2327

4516

- Case: $3\frac{1}{16} \times 6\frac{7}{16} \times 1\frac{5}{16}$ in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, pages 236, 237.
 Backset: Front to cylinder or turn knob hub $2\frac{3}{4}$ in., Front to knob hub $5\frac{7}{16}$ in.
 Knob Hub: Brass for $\frac{5}{16} \times \frac{3}{8}$ in. Spindle.
 Strike: Cast Brass or Bronze, Box, or with Flat Reverse Bevel.
 Bolts: Cast Brass, Latch Construction: Type TC, page 239.
 Cylinder: 1 No. 6, 6 Pins, for $1\frac{3}{4}$ in. doors. (Specify thickness of door.) Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
 Operation: Latch bolt can be operated by knobs from either side at all times.

In addition it has a dead bolt operated by key from outside and by turn knob from inside.

Specify Number, Trim desired and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Special Emblematic Designs

Cast Brass or Bronze



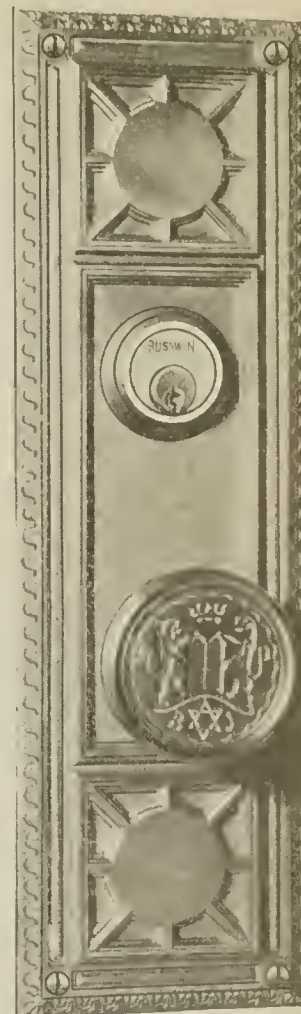
Elks
S1509 E. D. Handle



State of Kentucky
3900 Beaumont Escutcheon
with Emblem
3953 E18 Knob



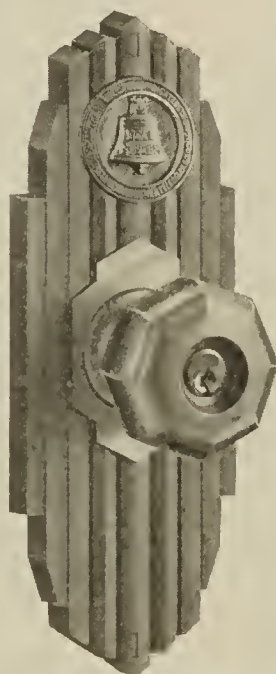
Armory
S50 Escutcheon
S50 Knob



Hebrew
3900 Hadrian Escutcheon
S3157 Knob



Bell System Emblem
3901 Pyramid Escutcheon
2951 Pyramid Knob



Bell System Emblem
S3340 Escutcheon
S3340 Knob



Elks
S1513 Escutcheon
3951 Darcy Knob

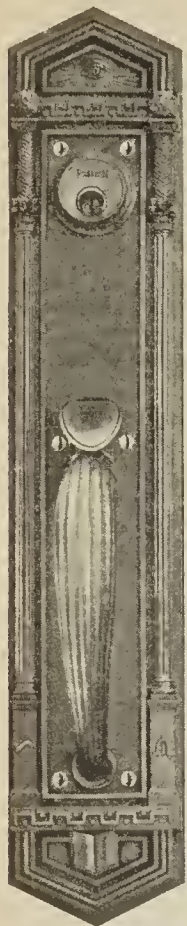


Elks
S1759 Escutcheon
S2032 Knob

Examples of Emblematic Designs that can be furnished. Full information on request. Furnished only with Screwless Knobs.

Special Emblematic Designs

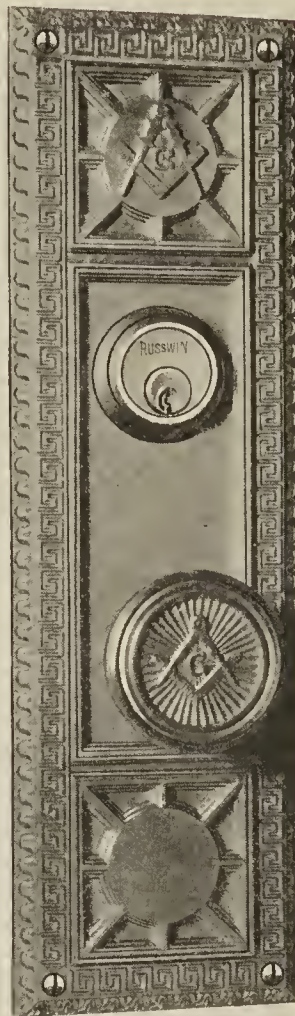
Cast Brass or Bronze



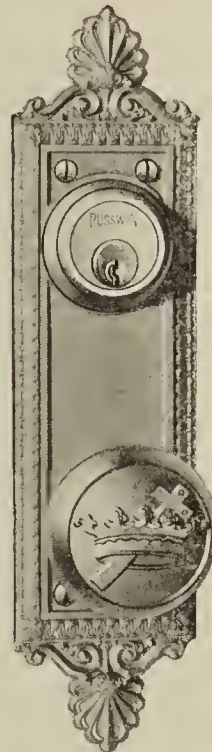
Masonic—Blue Lodge
S1653 E. D. Handle



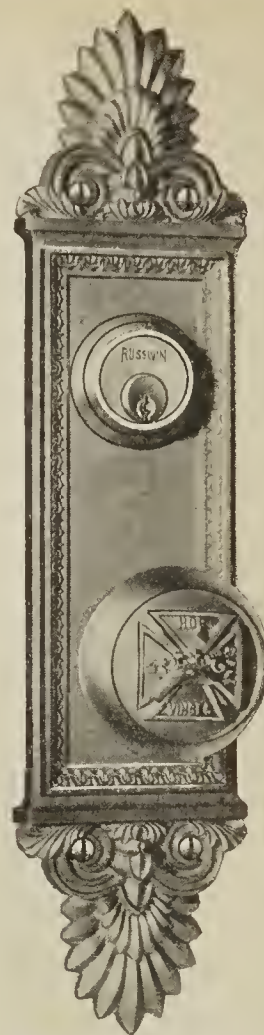
Masonic—Blue Lodge
S1652 Escutcheon
S1652 Knob



Masonic—Blue Lodge
S1360 Hadrain Escutcheon
S1652 Knob



Masonic—Knights Templar
3901 Du Pont Escutcheon
S1858 Knob



Masonic—Knights Templar
3900 Minerva Escutcheon
S2012 Knob



Masonic—Mystic Shrine
S1024 Escutcheon
S1023 Knob



Masonic—Mystic Shrine
S1093 Escutcheon
S3238 Knob



Masonic—Mystic Shrine
3901 Niantic Escutcheon
S3110 Knob



Masonic—Scottish Rites
3935 Hiram Escutcheon
S2733 Knob



Masonic—Mystic Shrine
S3111 Escutcheon
S3161 Knob

Examples of Emblematic Designs that can be furnished. Full information on request. Furnished only with Screwless Knobs.

Special Monogram and Emblematic Knobs

Cast Brass or Bronze



S3179
Bell System



S2602
Y. M. C. A.



S1694



S3306
City of New Orleans



S3198*
Monogram



Fig. 14*
Federal Reserve Bank



3951E6
Knights of Columbus



3951E5
Order of Eagles



3951E4
Knights of Pythias



3951E3
Odd Fellows



3951E11
Masonic
Blue Lodge



S3110
Masonic
Mystic Shrine



S3157*
Hebrew



S3097
Hebrew



S3067*
Hebrew

Illustrations show a few of the many Knobs with monograms or emblems that we are prepared to furnish.
Information furnished on request. Furnished only with Screwless Shanks.

*Knobs are 2½ inch. All others are 2¼ inch.

Emblems and Monograms

Applique

Can be Applied to Cast Screwless Knobs, Escutcheons and Other Hardware

Cast Brass or Bronze



Fig. 23



Fig. 51



Fig. 52
Fancy "S" with Bird
and Flowers



Fig. 39



Fig. 53



Fig. 54



Fig. 55



Fig. 56

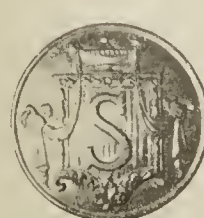


Fig. 57



Fig. 30
Y. M. C. A.



Fig. 34
Masonic. Knights Templar



Fig. 35
Masonic. Blue Lodge



Fig. 36
Masonic. Chapter



Fig. 58
Masonic. Mystic Shrine



Fig. 27
Masonic. Scottish Rites



Fig. 37
Knights of Columbus



Fig. 50
Lodge Numbers



Fig. 40
Elks



Fig. 45
Order of Eagles



Fig. 42
Elks



Fig. 43
Loyal Order of Moose



Fig. 44
Odd Fellows



Fig. 46
Georgia State Seal



Fig. 47
Phoenix, Arizona Seal



Fig. 48
Board of Education
Flint, Mich.

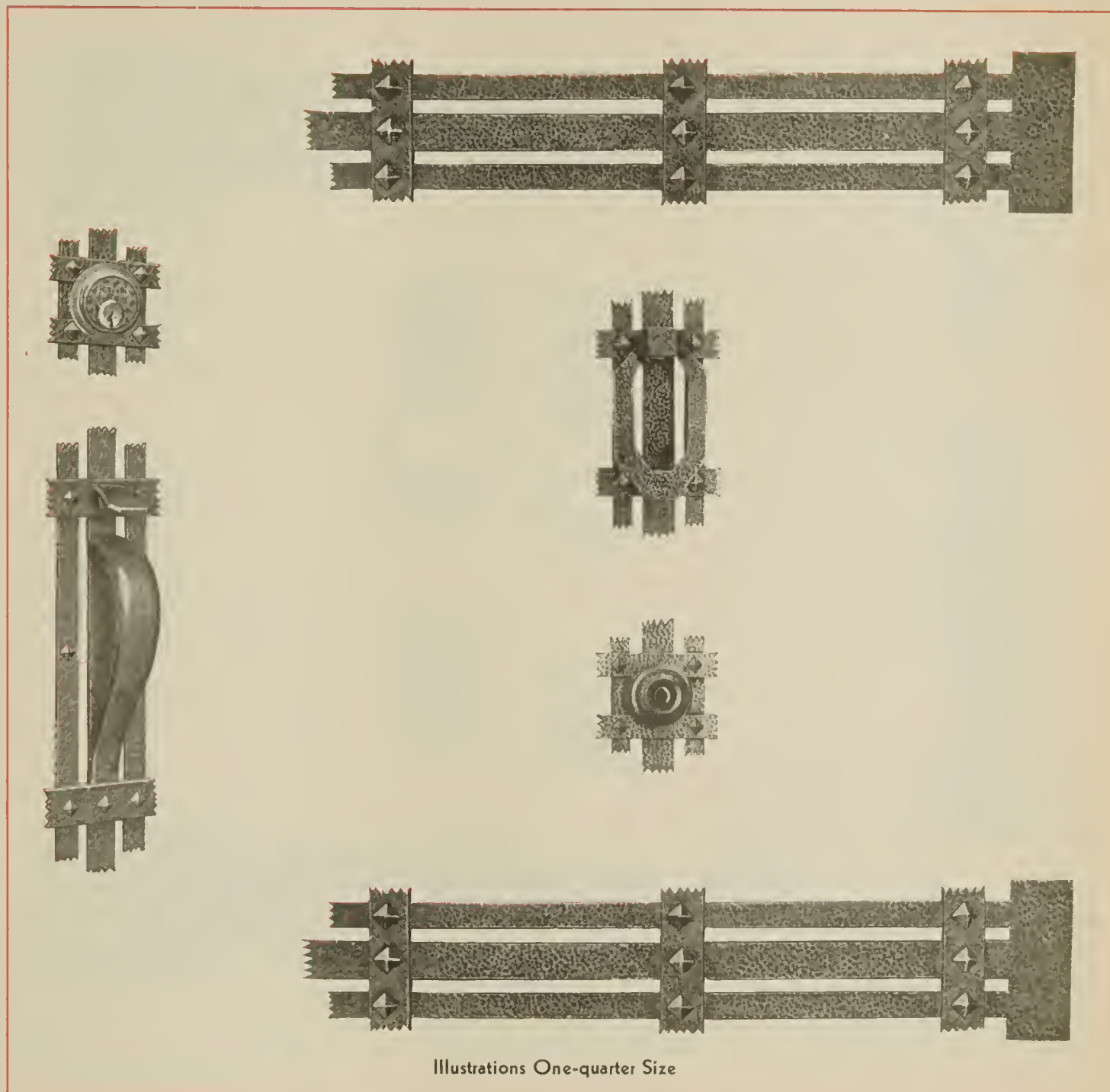


Fig. 49
Chamber of Commerce
Jamaica, N. Y.

Other Monograms and Emblems of all Societies can be furnished.
Information on request.

Alameda Entrance Door Set

Cast Russwin Metal



Illustrations One-quarter Size

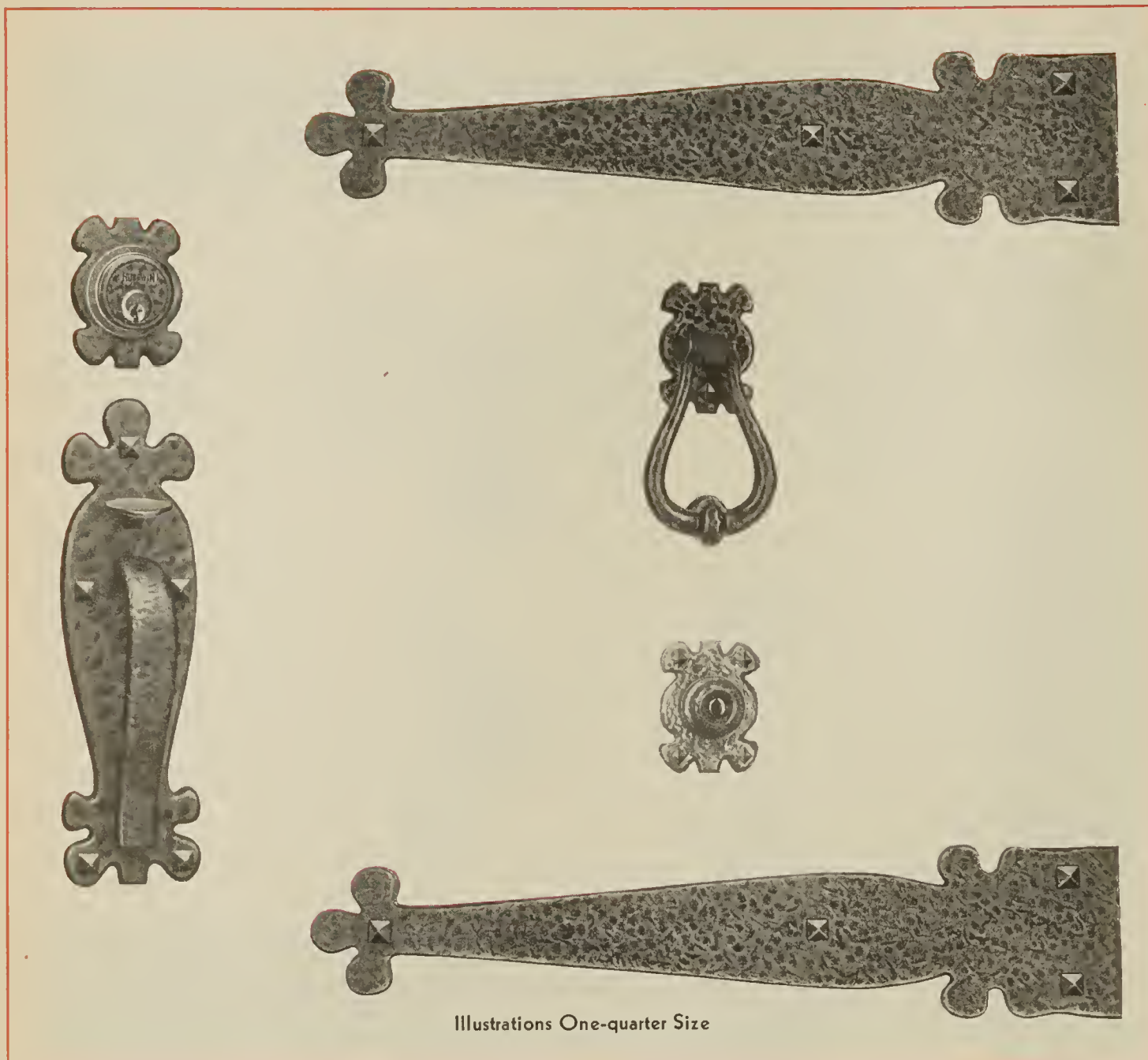
No. 5400 Alameda Entrance Door Set Complete Consists of

Number	Description	Page
54013	Entrance Handle Lock Set	101
5402	Push Button	109
5450	Door Knocker	110
5418	Hinge Strap (2 only) 18 inch	112

Specify Number, Design and Finish. One set in a box, with screws.
For description of Cast Russwin Metal and Finishes, see page 101.

Monterey Entrance Door Set

Cast Russwin Metal



No. 5400 Monterey Entrance Door Set Complete

Consists of

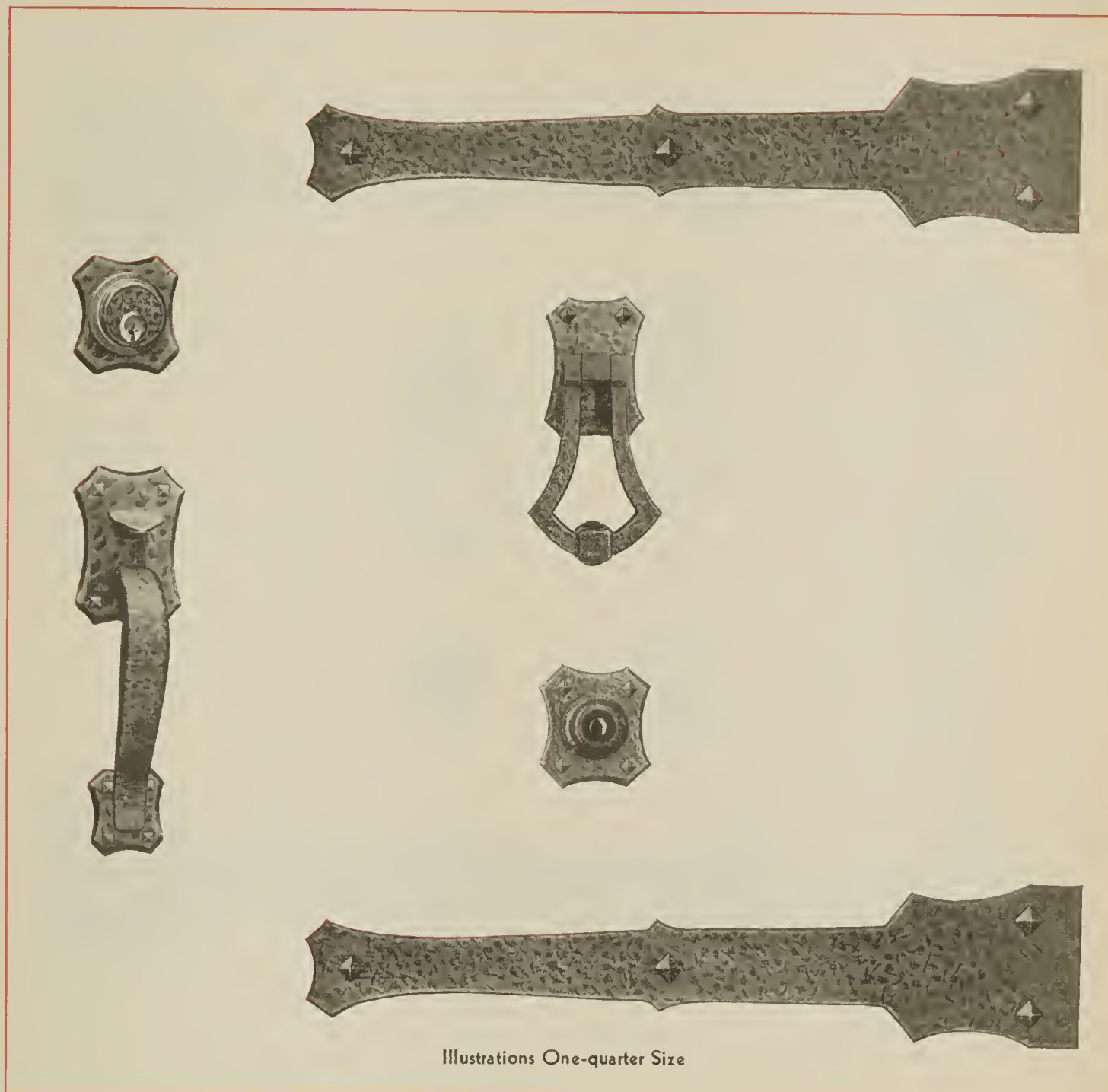
Number	Description	Page
54013	Entrance Handle Lock Set	101
5402	Push Button	109
5450	Door Knocker	110
5418	Hinge Strap (2 only) 18 inch	112

Specify Number, Design and Finish. One set in a box, with screws.

For description of Cast Russwin Metal and Finishes, see page 101.

Pomona Entrance Door Set

Cast Russwin Metal



No. 5400 Pomona Entrance Door Set Complete

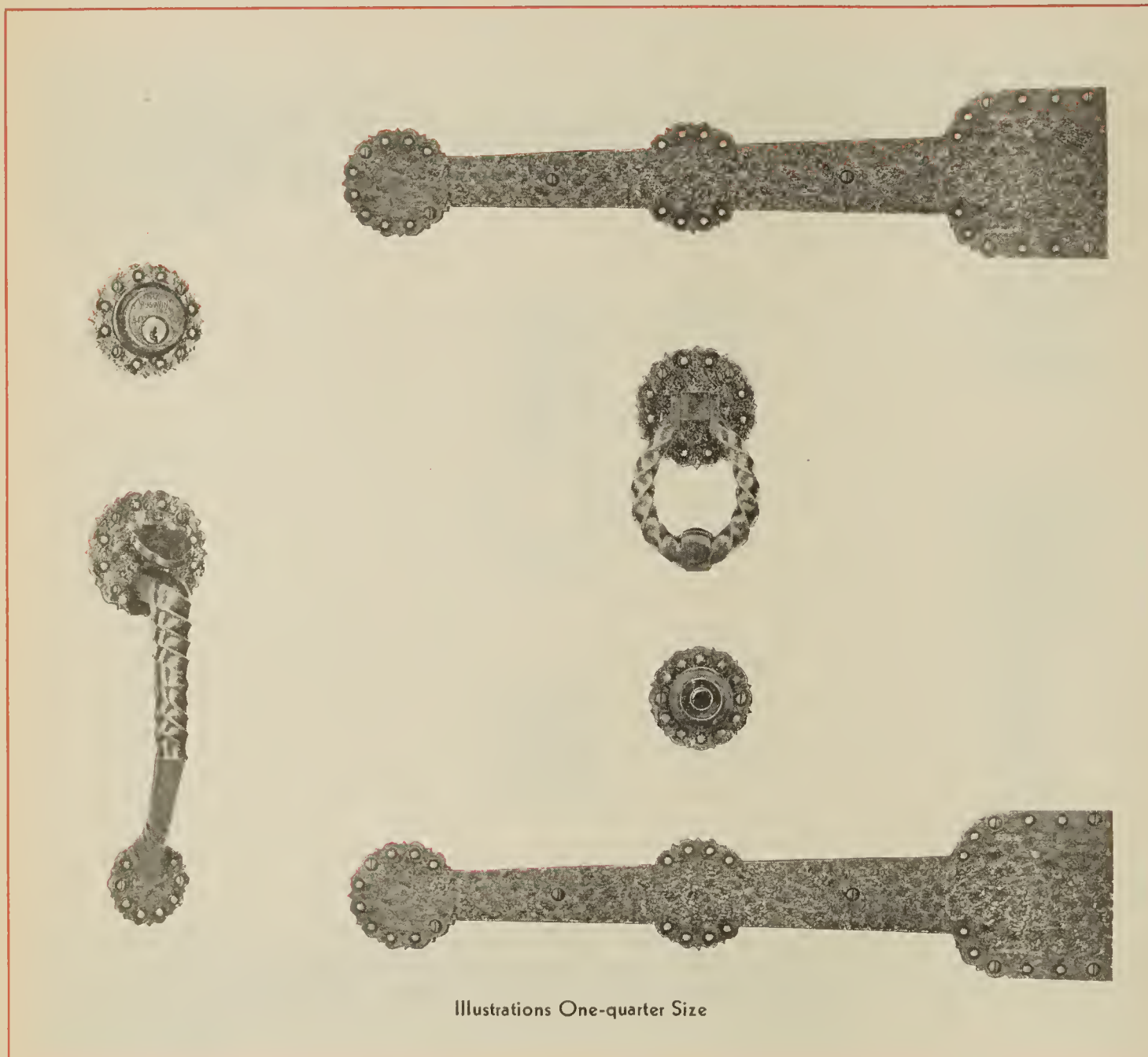
Consists of

Number	Description	Page
54013	Entrance Handle Lock Set	101
5402	Push Button	109
5450	Door Knocker	110
5418	Hinge Strap (2 only) 18 inch	112

Specify Number, Design and Finish. One set in a box, with screws.
For description of Cast Russwin Metal and Finishes, see page 101.

San Diego Entrance Door Set

Cast Russwin Metal



No. 5400 San Diego Entrance Door Set Complete

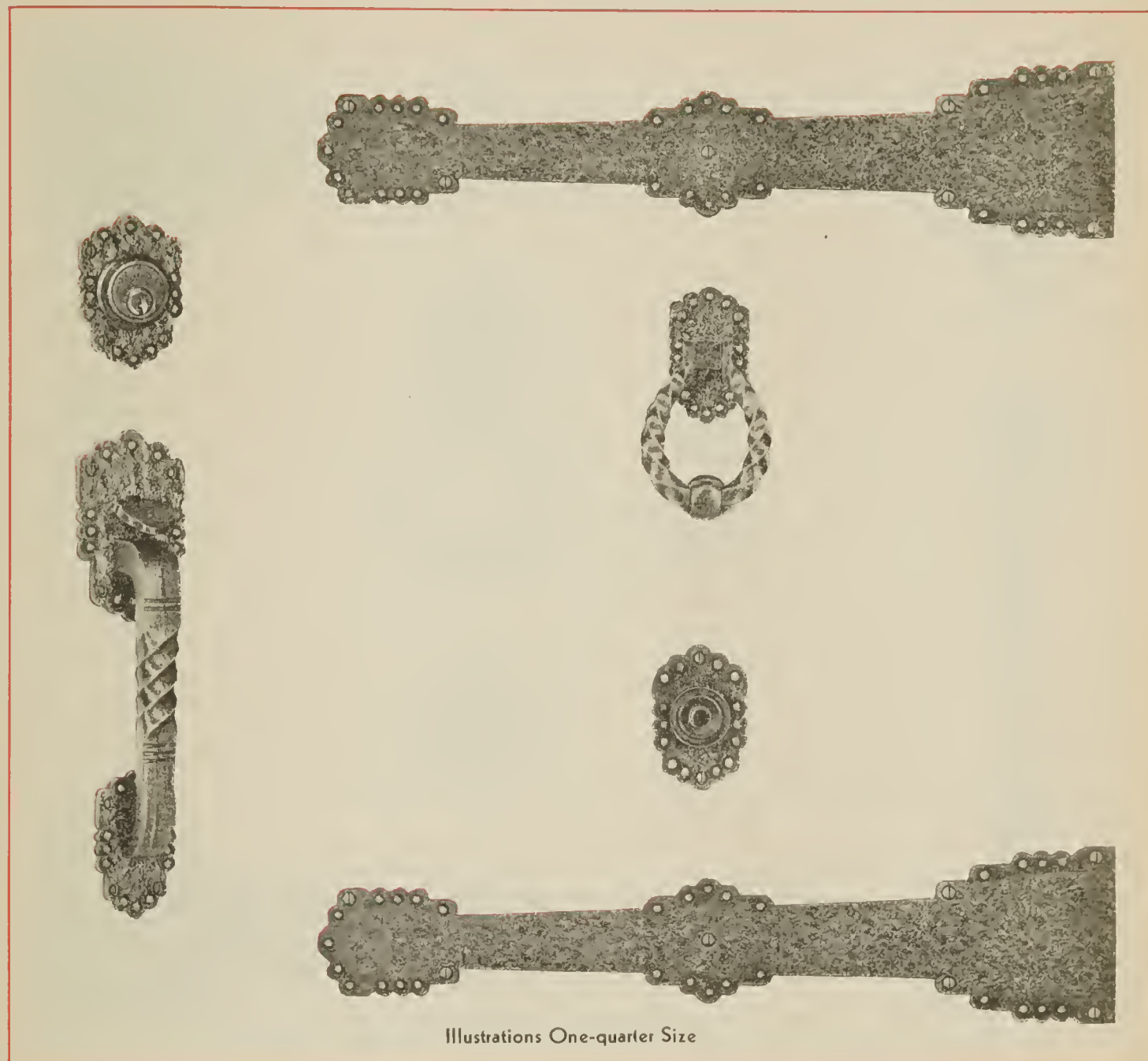
Consists of

Number	Description	Page
54013	Entrance Handle Lock Set	102
5402	Push Button	109
5450	Door Knocker	110
5418	Hinge Strap (2 only) 18 inch	113

Specify Number, Design and Finish. One set in a box, with screws.
For description of Cast Russwin Metal and Finishes, see page 101.

San Jose Entrance Door Set

Cast Russwin Metal



No. 5400 San Jose Entrance Door Set Complete

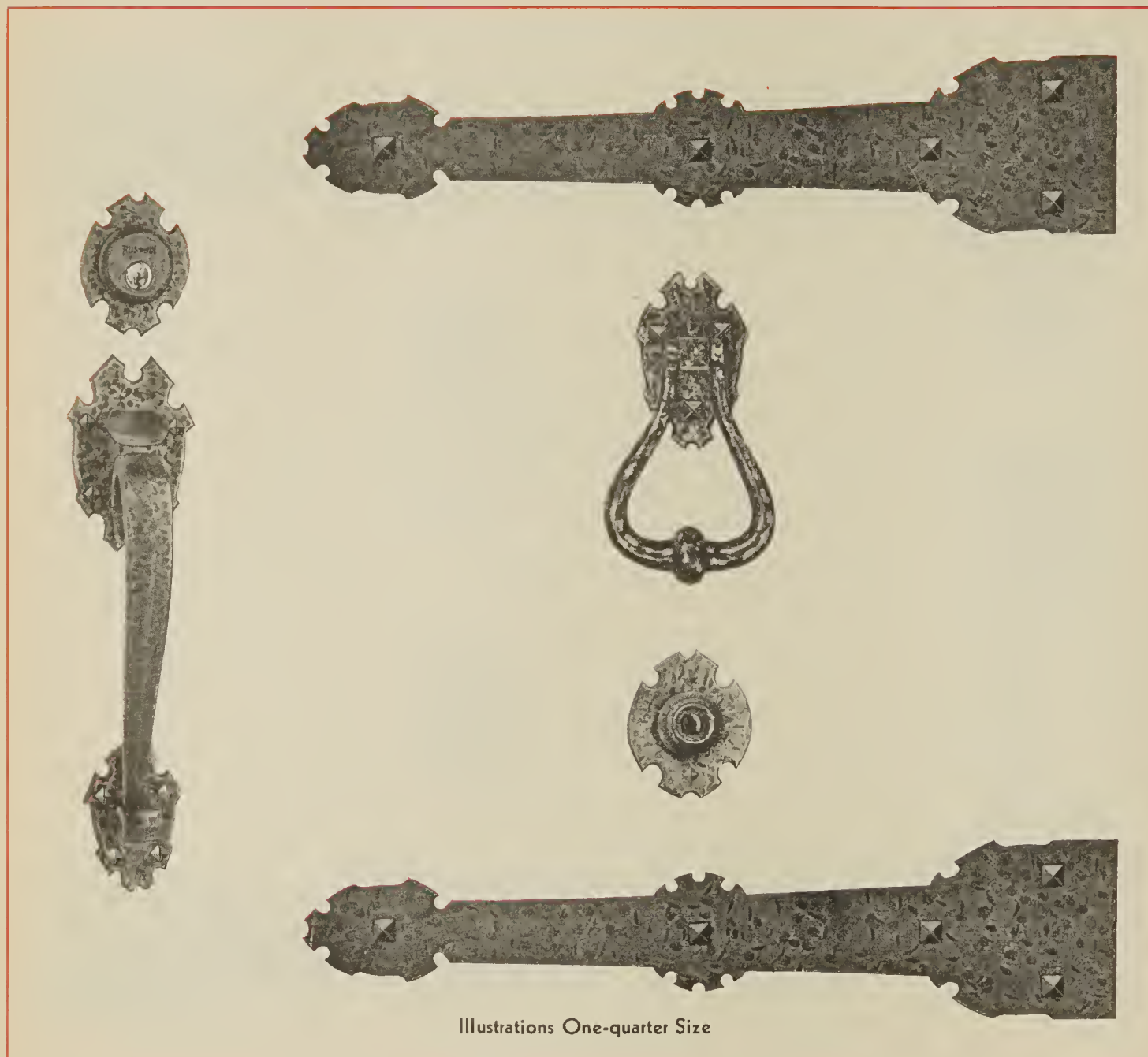
Consists of

Number	Description	Page
54013	Entrance Handle Lock Set	102
5402	Push Button	109
5450	Door Knocker	110
5418	Hinge Strap (2 only) 18 inch	113

Specify Number, Design and Finish. One set in a box, with screws.
For description of Cast Russwin Metal and Finishes, see page 101.

Wales Entrance Door Set

Cast Russwin Metal



No. 5400 Wales Entrance Door Set Complete

Consists of

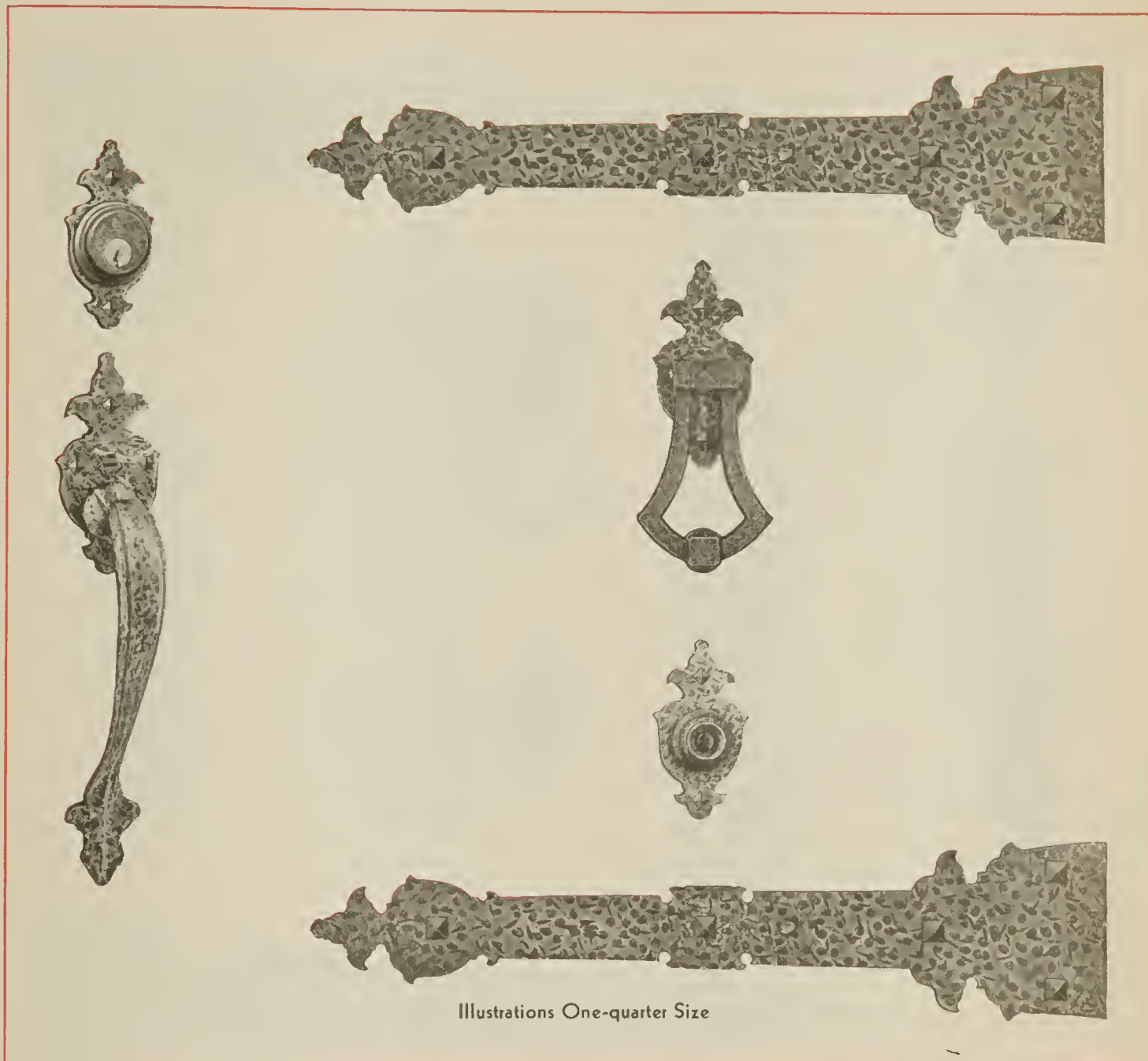
Number	Description	Page
54113	Entrance Handle Lock Set	102
5402	Push Button	109
5450	Door Knocker	110
5418	Hinge Strap (2 only) 18 inch	113

Specify Number, Design and Finish. One set in a box, with screws.

For description of Cast Russwin Metal and Finishes, see page 101.

Warden Entrance Door Set

Cast Russwin Metal



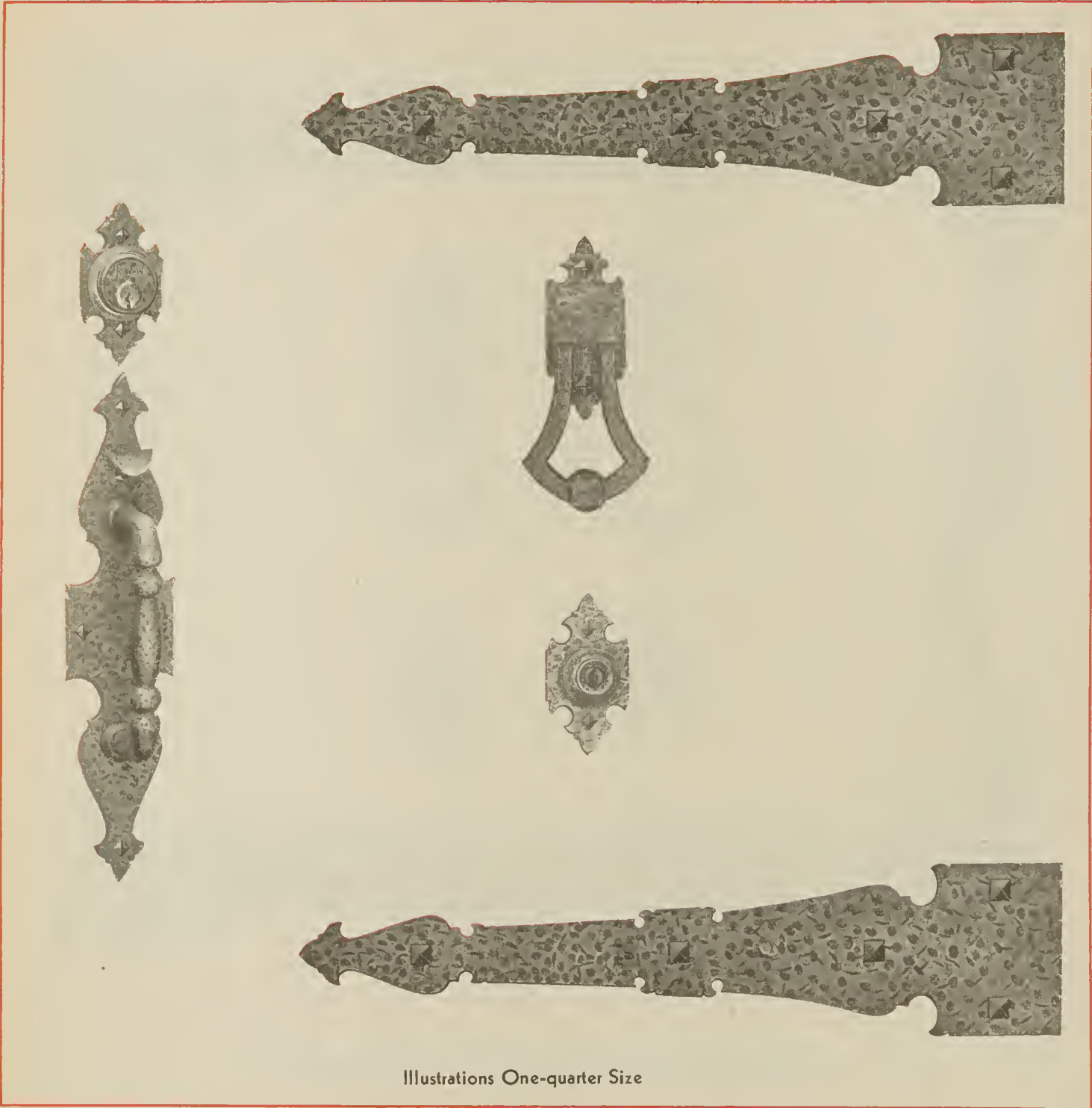
No. 5400 Warden Entrance Door Set Complete

Consists of

Number	Description	Page
54013	Entrance Handle Lock Set	102
5402	Push Button	109
5450	Door Knocker	110
5418	Hinge Strap (2 only) 18 inch	113

Specify Number, Design and Finish. One set in a box, with screws.
For description of Cast Russwin Metal and Finishes, see page 101.

Wyman Entrance Door Set
Cast Russwin Metal



Illustrations One-quarter Size

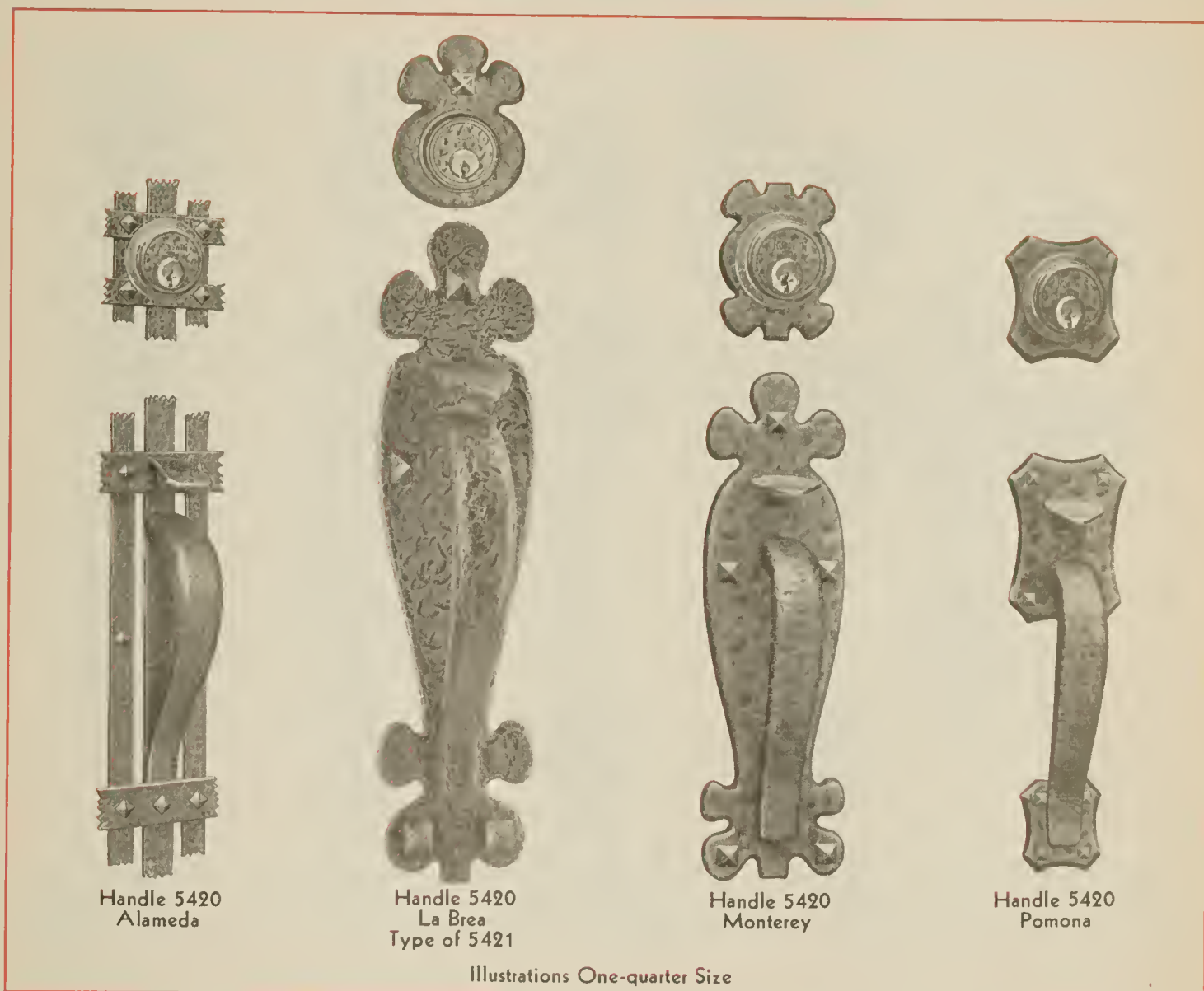
No. 5400 Wyman Entrance Door Set Complete
Consists of

Number	Description	Page
54013	Entrance Handle Lock Set	102
5402	Push Button	109
5450	Door Knocker	110
5418	Hinge Strap (2 only) 18 inch	113

Specify Number, Design and Finish. One set in a box, with screws.
For description of Cast Russwin Metal and Finishes, see page 101.

Entrance Handle Lock Sets

Cast Russwin Metal



Lock 11213 with one handle complete with Cylinder Collar Outside, 1/2 pair Knobs 2383, Rose 12 and Turn Knob 066 1/2 Inside

Set Number	Handle Number	Design	Grip Number	Size Over-all	Cylinder Collar	Plates
54013 Alameda	5420	Alameda	5494	15 x 2 3/4 in.	3 1/2 x 2 3/4 in.	10 1/4 x 2 3/4 in.
5413* La Brea	5420	La Brea	La Brea	18 x 3 5/8 in.	3 3/4 x 2 7/8 in.	14 1/4 x 3 5/8 in.
54113 La Brea	5421	La Brea	La Brea	13 1/2 x 2 3/4 in.	3 x 2 3/4 in.	9 3/4 x 2 3/4 in.
54013 Monterey	5420	Monterey	5493	13 1/2 x 2 3/4 in.	3 x 2 3/4 in.	9 3/4 x 2 3/4 in.
54013 Pomona	5420	Pomona	5493	12 7/8 x 2 1/2 in.	2 1/2 x 2 5/8 in.	2 3/4 x 2 1/2 x 2 x 1 5/8 in.

*With Lock Number 1213, Page 277.

RUSSWIN METAL: A cast metal which is the same material and color throughout. It is Rustless, Stainless, and Weather Resisting. Furnished in Imitation Black Iron (45B), Imitation Half Polished Iron (45H), and Imitation Rusty Iron (45R).

Specify Number, Design and Finish of Inside and Outside Trim including Lock Front.

For Substitution of Inside Trim see page 187.

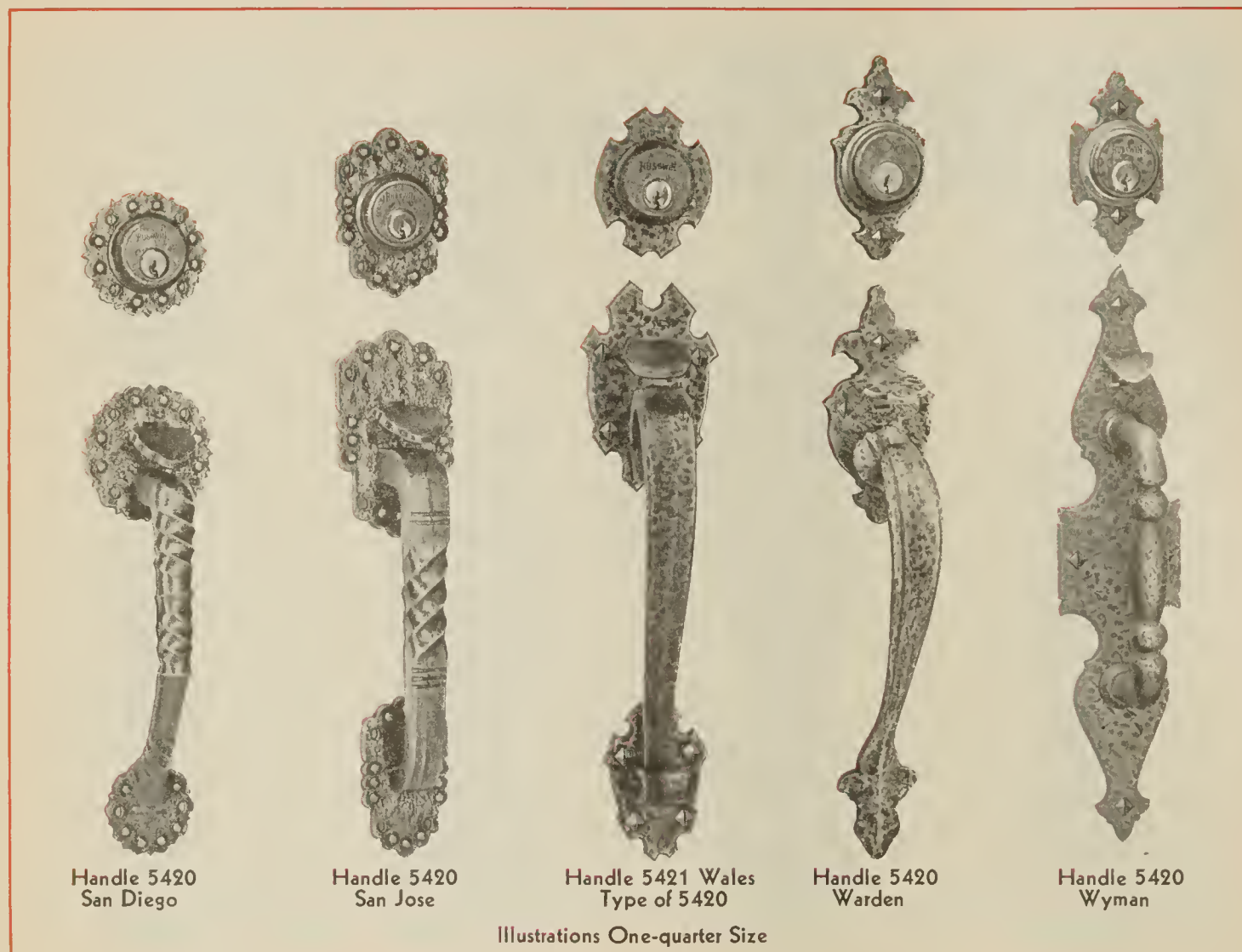
For Lock, see page 278.

For Master-keying, see page 354.

One set in a box, with screws.

Entrance Handle Lock Sets

Cast Russwin Metal



Lock 11213 with one handle complete with Cylinder Collar Outside, 1/2 pair Knobs 2383, Rose 12 and Turn Knob 066 1/2 Inside

Set Number	Handle Number	Design	Size Over-all	Cylinder Collar	Plates
54013 San Diego	5420	San Diego	14 1/2 x 2 1/16 in.	2 1/16 in.	2 7/8 x 2 in.
54013 San Jose	5420	San Jose	15 x 2 9/16 in.	3 1/16 x 2 7/16 in.	4 1/4 x 2 9/16 x 3 5/16 x 1 7/8 in.
54013 Wales	5420	Wales	18 3/4 x 3 1/2 in.	3 1/8 x 2 1/2 in.	5 3/8 x 3 1/2 x 3 7/8 x 2 1/2 in.
54113 Wales	5421	Wales	16 1/2 x 3 in.	3 1/8 x 2 1/2 in.	4 1/2 x 3 x 3 1/4 x 2 1/4 in.
54013 Warden	5420	Warden	16 1/2 x 2 1/2 in.	4 1/8 x 2 1/8 in.	5 x 2 1/2 in.
54013 Wyman	5420	Wyman	16 1/2 x 2 5/8 in.	3 7/8 x 2 in.	12 1/4 x 2 5/8 in.

RUSSWIN METAL: A cast metal which is the same material and color throughout. It is Rustless, Stainless, and Weather Resisting. Furnished in Imitation Black Iron (45B), Imitation Half Polished Iron (45H), and Imitation Rusty Iron (45R).

Specify Number, Design and Finish of Inside and Outside Trim, including Lock Front.

For substitution of Inside Trim see page 187.

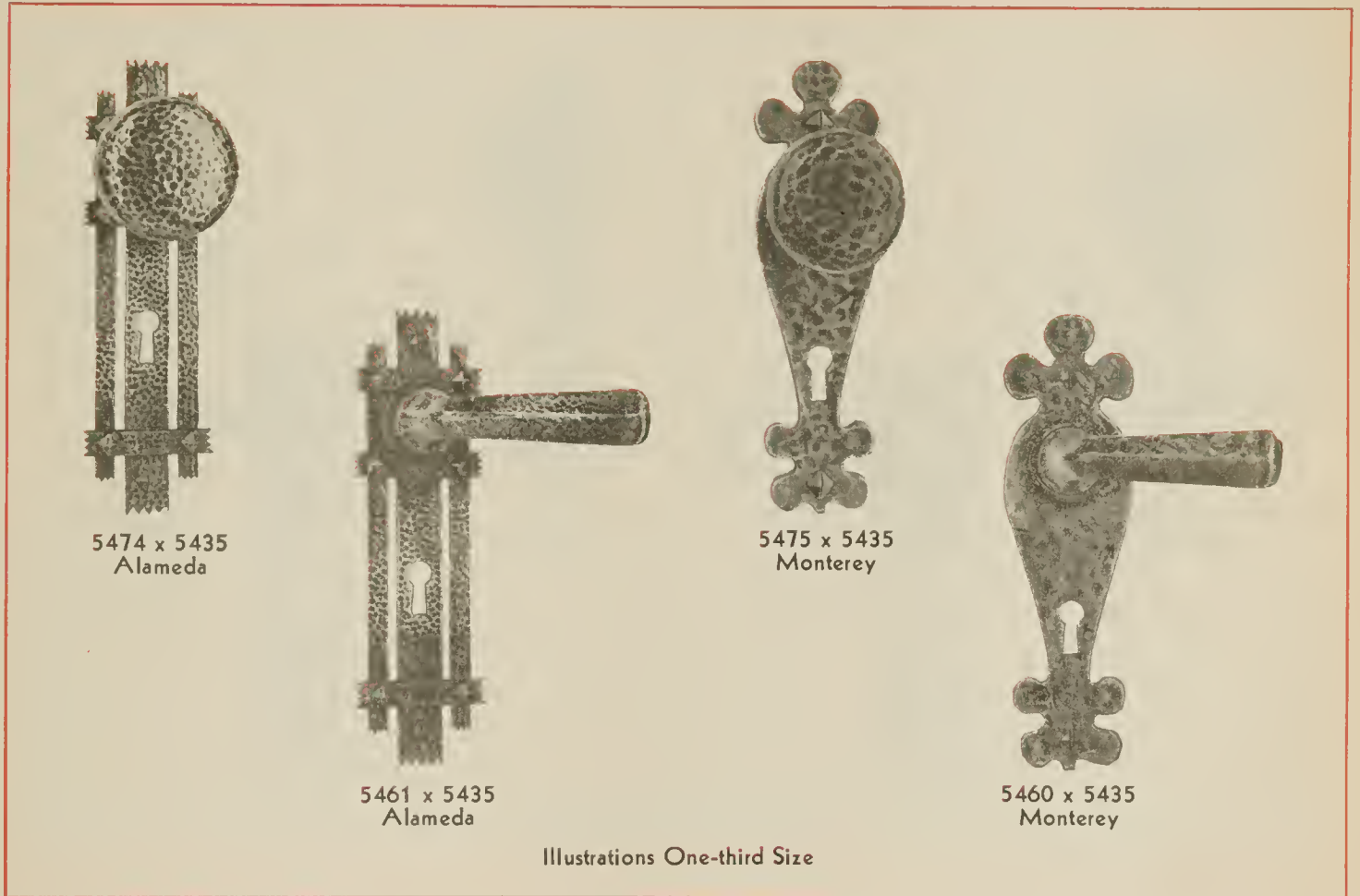
For Lock, see page 278.

For Master-keying see page 354.

One set in a box, with screws.

Alameda and Monterey Lock Sets and Inside Trim

Cast Russwin Metal



Lock Sets

Set Number	Lock	Page	Knobs	Escutcheons
5434 Alameda	734	298	5474	5435 x 5435
5470 Alameda	0370	297	5474	5435 x 5435
5434 Monterey	734	298	5475	5435 x 5435
5470 Monterey	0370	297	5475	5435 x 5435

One set in a box, with screws.

Escutcheon	Size	Knob	Size
5435 Alameda	6½ x 1⅞ in.	5474	2 in.
5435 Monterey	6½ x 1⅞ in.	5475	2 in.

Escutcheon	Size	†Lever	Size	Projection
5435 Alameda	6½ x 1⅞ in.	5461	2⅞ in.	2 in.
5435 Monterey	6½ x 1⅞ in.	5460	3 in.	2 in.

†For use with French Spring Locks or Auxiliary Spring No. 30

Specify Number, Design and Finish.

For Description of Cast Russwin Metal and Finishes, see page 101.

Pomona and Wales Lock Sets and Inside Trim

Cast Russwin Metal



5475 x 5435
Pomona



5460 x 5435
Pomona



5475 x 5435
Wales



5460 x 5435
Wales

Illustrations One-third Size

Lock Sets

Set Number	Lock	Page	Knobs	Escutcheons
5434 Pomona	734	298	5475	5435 x 5435
5470 Pomona	0370	297	5475	5435 x 5435
5434 Wales	734	298	5475	5435 x 5435
5470 Wales	0370	297	5475	5435 x 5435

One set in a box, with screws.

Escutcheon	Size	Knob	Size
5435 Pomona	5 $\frac{7}{8}$ x 2 in.	5475	2 in.
5435 Wales	6 $\frac{3}{8}$ x 1 $\frac{7}{8}$ in.	5475	2 in.

Escutcheon	Size	†Lever	Size	Projection
5435 Pomona	5 $\frac{7}{8}$ x 2 in.	5460	3 in.	2 in.
5435 Wales	6 $\frac{3}{8}$ x 1 $\frac{7}{8}$ in.	5460	3 in.	2 in.

†For Use with French Spring Locks or Auxiliary Spring No. 30.

Specify Number, Design and Finish.

For description of Cast Russwin Metal and Finishes, see page 101.

Warden and Wyman Lock Sets and Inside Trim

Cast Russwin Metal



Lock Sets

Set Number	Lock	Page	Knobs	Escutcheons
5434 Warden	734	298	5475	5435 x 5435
5470 Warden	0370	297	5475	5435 x 5435
5434 Wyman	734	298	5475	5435 x 5435
5470 Wyman	0370	297	5475	5435 x 5435

One set in a box, with screws.

Escutcheon	Size	Knob	Size
5435 Warden	6½ x 2 in.	5475	2 in.
5435 Wyman	6⅝ x 2 in.	5475	2 in.

Escutcheon	Size	†Lever	Size	Projection
5435 Warden	6½ x 2 in.	5460	3 in.	2 in.
5435 Wyman	6⅝ x 2 in.	5460	3 in.	2 in.

†For use with French Spring Locks or Auxiliary Spring No. 30.

Specify Number, Design and Finish.

For description of Cast Russwin Metal and Finishes, see page 101.

San Diego and San Jose Lock Sets and Inside Trim

Cast Russwin Metal



Lock Sets

Set Number	Lock	Page	Knobs	Rose	Escutcheons
5434 San Diego	734	298	5451		5435 x 5435
05434 San Diego	734	298	5451	5452 1/4	5425 x 5425
5470 San Diego	0370	297	5451		5435 x 5435
05470 San Diego	0370	297	5451	5452 1/4	5425 x 5425
5434 San Jose	734	298	5451		5435 x 5435
05434 San Jose	734	298	5451	5452 1/4 San Diego	5425 x 5425
5470 San Jose	0370	297	5451		5435 x 5435
05470 San Jose	0370	297	5451	5452 1/4 San Diego	5425 x 5425

One set in a box, with screws.

Escutcheon	Size	Knob	Size
5435 San Diego	5 7/8 x 2 in.	5451	2 1/4 in.
5435 San Jose	5 7/8 x 2 in.	5451	2 1/4 in.

Escutcheon	Size	†Lever	Size	Projection
5435 San Diego	5 7/8 x 2 in.	5462	3 1/4 in.	1 7/8 in.
5435 San Jose	5 7/8 x 2 in.	5462	3 1/4 in.	1 7/8 in.

†For use with French Spring Locks or Auxiliary Spring No. 30.

Specify Number, Design and finish.

For description of Cast Russwin Metal and Finishes, see page 101.

Inside Trim

Cast Russwin Metal

Door Knobs and Roses



Knob Number	Size	Rose Number	Size	Description
5439	1 ³ / ₄ x 1 ¹ / ₄ in.	5439	1 ³ / ₄ in.	Plain Shank, ⁵ / ₁₆ in. Spindle, No. 11
5451 San Diego	2 ¹ / ₄ in.	5452 ¹ / ₄ San Diego	2 ¹ / ₈ in.	Simplex Shank, ⁵ / ₁₆ in. Spindle, No. 20
5451 San Jose	2 ¹ / ₄ in.	5490 San Jose	3 x 1 ¹⁵ / ₁₆ in.	Simplex Shank, ⁵ / ₁₆ in. Spindle, No. 20
5474† Alameda	2 in.	5422 Alameda	2 in.	Simplex Shank, ⁵ / ₁₆ in. Spindle, No. 20
5475	2 in.	5412	2 in.	Simplex Shank, ⁵ / ₁₆ in. Spindle, No. 20
5476	2 ¹ / ₄ in.	5412 ¹ / ₄	2 ¹ / ₄ in.	Simplex Shank, ⁵ / ₁₆ in. Spindle, No. 20

† As No. 5476 but with finer hammered surface to match Alameda Escutcheon.

Escutcheons and Turn Knobs



Escutcheons

Number	Size	Number	Size
5425 San Diego	1 ¹ / ₂ in.	5432 With Drop	2 ¹ / ₈ x 1 ¹ / ₈ in.
5425 San Jose	1 ¹³ / ₁₆ x 1 ¹ / ₈ in.	5468	1 ⁷ / ₈ x ⁷ / ₈ in.

Turn Knobs

Number	Type Knob	Size	Type Plate	Size
5445 San Diego	Crescent	1 ³ / ₈ in.	Round	1 ¹ / ₂ in.
5445 San Jose	Crescent	1 ³ / ₈ in.	Oblong	1 ¹³ / ₁₆ x 1 ¹ / ₈ in.
05468	Crescent	1 ³ / ₈ in.	Oval	1 ⁷ / ₈ x ⁷ / ₈ in.

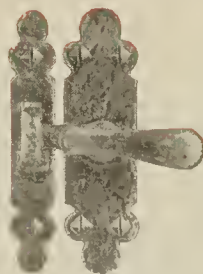
Specify Number, Design and Finish.

For description of Cast Russwin Metal and Finishes, see page 101.

Inside Trim

Cast Russwin Metal

Casement Fastener

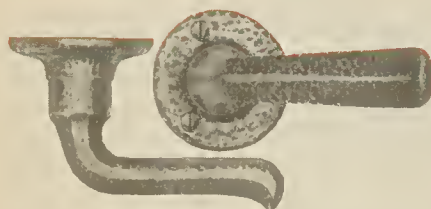


5481
La Brea

Illustration One-quarter Size

Number	Strike	Size of Plate	Size of Strike
5481 La Brea	Surface	4¾ x 1¼ in.	4¾ x ¾ in.

Lever Handles†



5461
Alameda



5462
San Diego



5462
San Jose

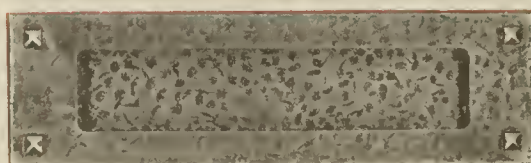
Illustration One-quarter Size

Lever Number	Inches	Projection	Rose Number	Description	Spindle
5461 Alameda	2⅞	1⅞	5422	Simplex	No. 20
5462 San Diego	3¼	1⅞	5452¼ San Diego	Simplex	No. 20
5462 San Jose	3¼	1⅞	5490 San Jose	Simplex	No. 20

†For use with French Spring Locks or Auxiliary Spring No. 30.

Letter Box Plate

Standard for all Designs in Cast Russwin Metal



5444

Illustration One-quarter Size

Number	Plate	Opening
5444*	9½ x 3 in.	7 x 1½ in.

*Can be furnished with No. 45½ Hood (Cast Brass or Bronze, not Hammered).

One set in a box, with screws.

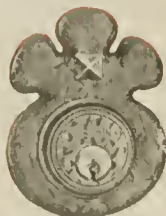
Specify Number, Design and Finish. For description of Cast Russwin Metal and Finishes, see page 101.

Cylinder Collars

Cast Russwin Metal



5410 Alameda



5410 La Brea



5410 Monterey
Type of 5410 1/2 La Brea



5410 Pomona



5410 San Diego



5410 San Jose



5410 Wales



5410 Warden



5410 Wyman

Illustrations One-quarter Size

Number	Size	Number	Size
5410 Alameda	3 1/2 x 2 3/4 in.	5410 San Diego	2 11/16 in.
5410 La Brea	3 3/4 x 2 7/8 in.	5410 San Jose	3 9/16 x 2 7/16 in.
5410 1/2 La Brea	3 x 2 3/4 in.	5410 Wales	3 1/8 x 2 1/2 in.
5410 Monterey	3 x 2 3/4 in.	5410 Warden	4 1/8 x 2 1/8 in.
5410 Pomona	2 1/2 x 2 5/8 in.	5410 Wyman	3 7/8 x 2 in.

Push Buttons

Cast Russwin Metal



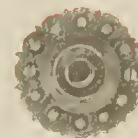
5402 Alameda



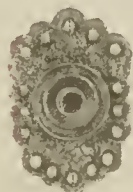
5402 Monterey



5402 Pomona



5402 San Diego



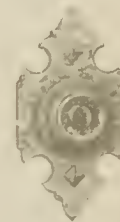
5402 San Jose



5402 Wales



5402 Warden



5402 Wyman

Illustrations One-quarter Size

Number	Size	Number	Size
5402 Alameda	3 1/2 x 2 3/4 in.	5402 San Jose	3 x 1 5/16 in.
5402 Monterey	3 x 2 3/4 in.	5402 Wales	3 1/8 x 2 1/2 in.
5402 Pomona	2 1/2 x 2 5/8 in.	5402 Warden	4 1/8 x 2 1/8 in.
5402 San Diego	2 1/8 in.	5402 Wyman	3 7/8 x 2 in.

Specify Number, Design and Finish.

One-half dozen in a box, with screws.

For description of Cast Russwin Metal and Finishes, see page 101.

Door Knockers

Cast Russwin Metal



5450 Alameda



5450 Monterey



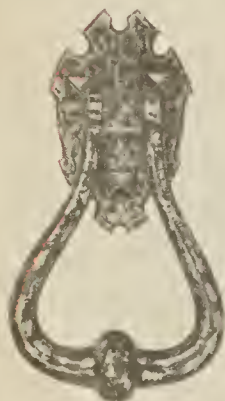
5450 Pomona



5450 San Diego



5450 San Jose



5450 Wales



5450 Warden



5450 Wyman

Illustrations One-quarter Size

Number	Design	Size	Description
5450	Alameda	5¾ x 3 in.	Cast Russwin Metal
5450	Monterey	6 x 3 in.	Cast Russwin Metal
5450	Pomona	6¼ x 3 in.	Cast Russwin Metal
5450	San Diego	5½ x 3 in.	Cast Russwin Metal
5450	San Jose	5⅝ x 3 in.	Cast Russwin Metal
5450	Wales	6⅞ x 3¾ in.	Cast Russwin Metal
5450	Warden	7 x 3 in.	Cast Russwin Metal
5450	Wyman	6½ x 3 in.	Cast Russwin Metal

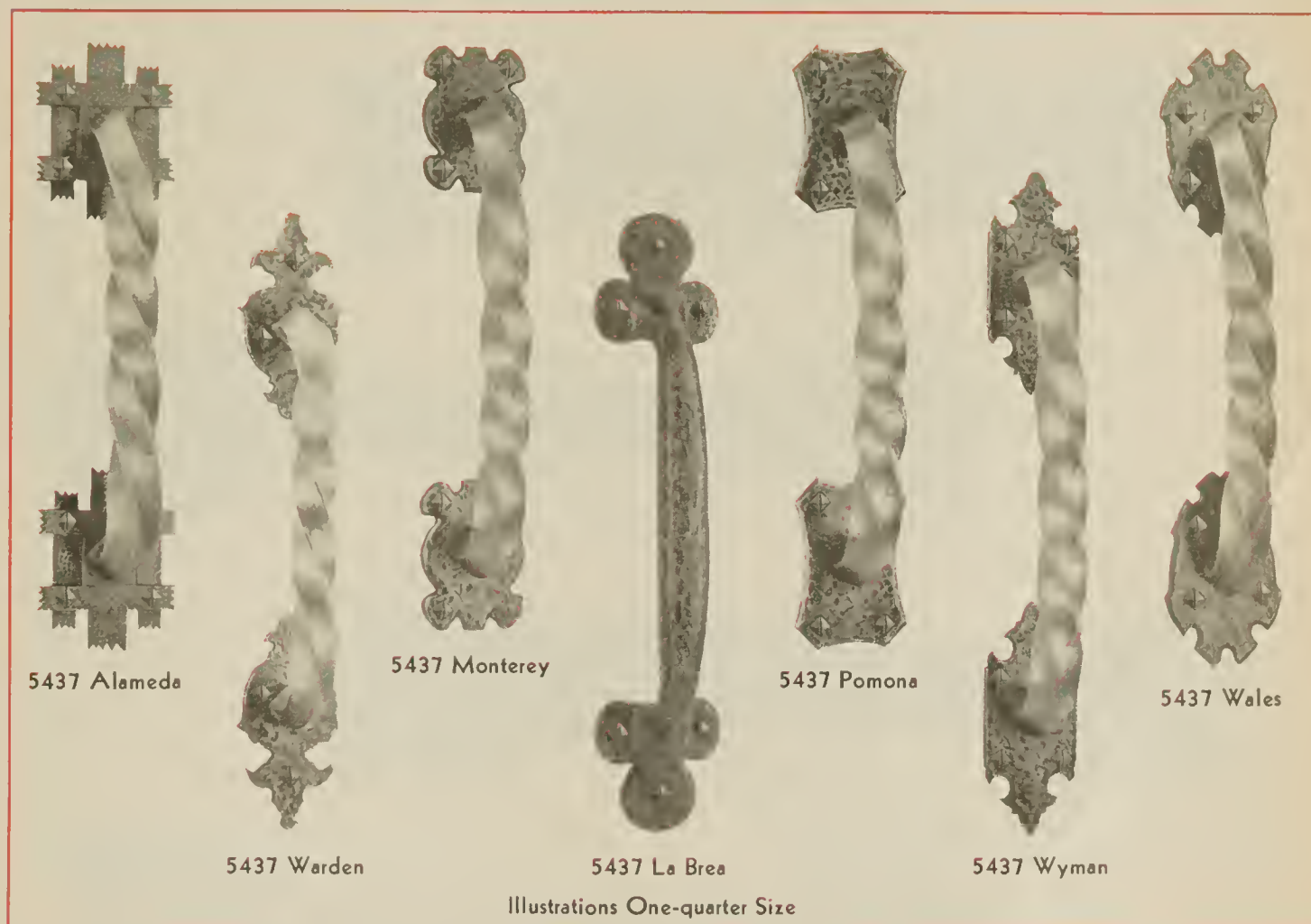
RUSSWIN METAL: A cast metal which is the same material and color throughout. It is Rustless, Stainless, and Weather Resisting. Furnished in Imitation Black Iron (45B), Imitation Half Polished Iron (45H), and Imitation Rusty Iron (45R).

Specify Number, Design and Finish.

One in a box, with screws.

Door Pulls

Cast Russwin Metal



Number	Design	Length Over-all	Description
5437	Alameda	12 $\frac{1}{4}$ x 2 $\frac{7}{8}$ in.	Cast Russwin Metal
5437	La Brea	12 $\frac{1}{4}$ x 2 $\frac{5}{8}$ in.	Cast Russwin Metal
5437	Monterey	11 $\frac{1}{2}$ x 2 $\frac{1}{4}$ in.	Cast Russwin Metal
5437	Pomona	12 x 2 $\frac{3}{8}$ in.	Cast Russwin Metal
5437	Wales	12 $\frac{1}{4}$ x 2 $\frac{1}{2}$ in.	Cast Russwin Metal
5437	Warden	13 $\frac{7}{8}$ x 2 $\frac{3}{8}$ in.	Cast Russwin Metal
5437	Wyman	13 $\frac{1}{4}$ x 2 in.	Cast Russwin Metal

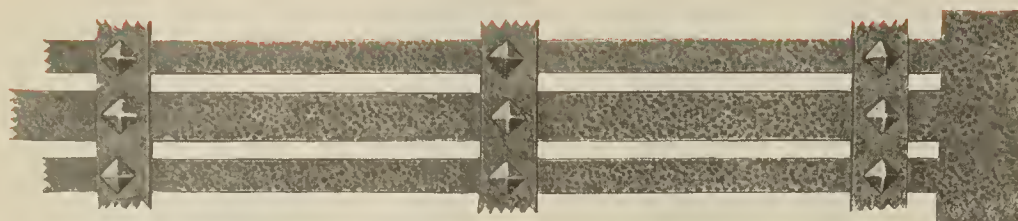
RUSSWIN METAL: A cast metal which is the same material and color throughout. It is Rustless, Stainless and Weather Resisting. Furnished in Imitation Black Iron (45B), Imitation Half Polished Iron (45H), and Imitation Rusty Iron (45R).

Specify Number, Design and Finish.

Two in a box, with screws.

Hinge Straps

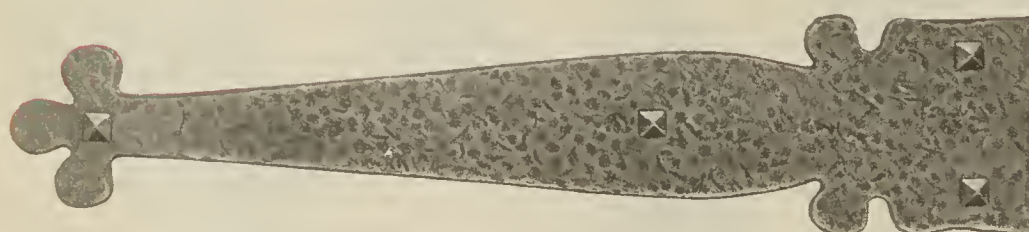
Cast Russwin Metal



5418-5424 Alameda



5418-5424 Wales



5418-5424 Monterey



5418-5424 Pomona

Illustrations One-quarter Size

Number	Design	Size	Description
5418	Alameda	18 x 4 in.	Cast Russwin Metal
5424	Alameda	24 x 4 in.	Cast Russwin Metal
5418	Wales	18 x 4 in.	Cast Russwin Metal
5424	Wales	24 x 4 in.	Cast Russwin Metal
5418	Monterey	18 x 4 in.	Cast Russwin Metal
5424	Monterey	24 x 4 in.	Cast Russwin Metal
5418	Pomona	18 x 4 in.	Cast Russwin Metal
5424	Pomona	24 x 4 in.	Cast Russwin Metal

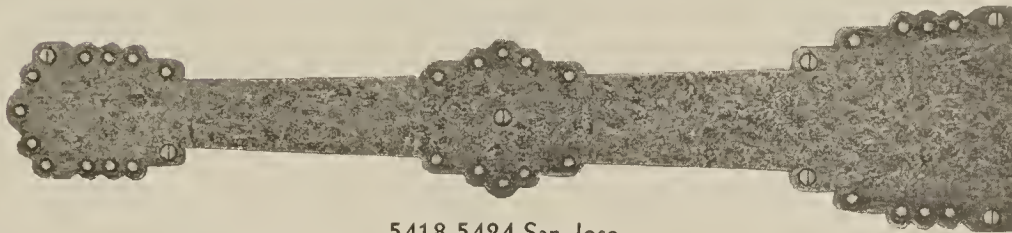
Specify Number, Design, Size and Finish. One pair in a box, with screws.
For description of Cast Russwin Metal and Finishes, see page 111.

Hinge Straps

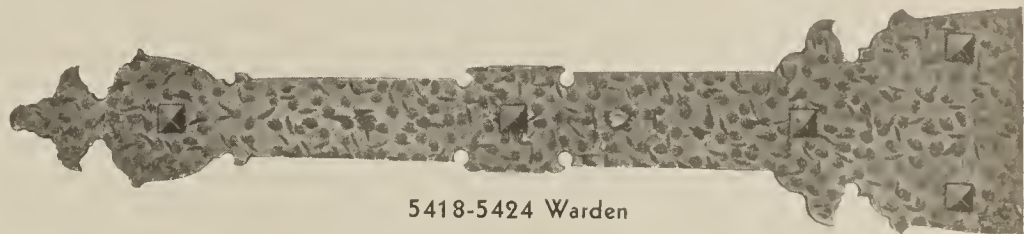
Cast Russwin Metal



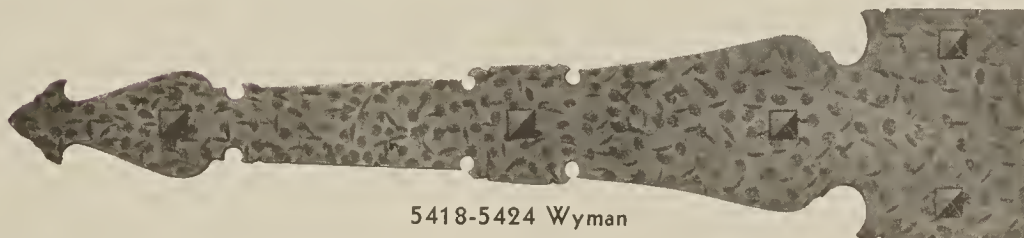
5418-5424 San Diego



5418-5424 San Jose



5418-5424 Warden



5418-5424 Wyman

Illustrations One-quarter Size

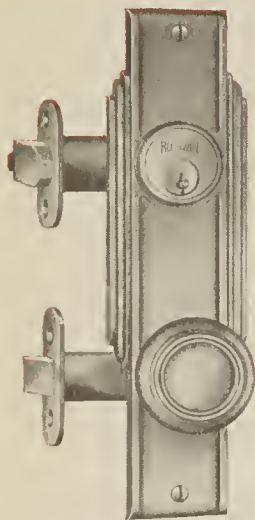
Number	Design	Size	Description
5418	San Diego	18 x 4 in.	Cast Russwin Metal
5424	San Diego	24 x 4 in.	Cast Russwin Metal
5418	San Jose	18 x 4 in.	Cast Russwin Metal
5424	San Jose	24 x 4 in.	Cast Russwin Metal
5418	Warden	18 x 4 in.	Cast Russwin Metal
5424	Warden	24 x 4 in.	Cast Russwin Metal
5418	Wyman	18 x 4 in.	Cast Russwin Metal
5424	Wyman	24 x 4 in.	Cast Russwin Metal

Specify Number, Design, Size and Finish. One pair in a box, with screws.
For description of Cast Russwin Metal and Finishes, see page 111.

Aero Design

(Symbol Aero)

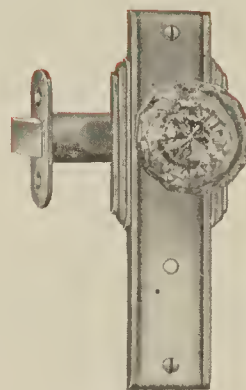
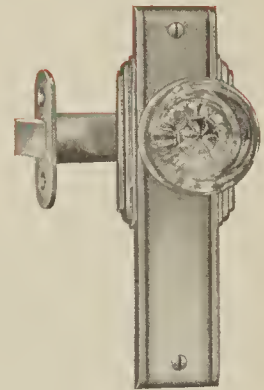
Wrought Brass or Bronze



5096QY2



B550QY1

550PA1
(Illus. outside esc.)

500GA1

Illustration One-quarter Size

Stock Finishes: 9C, 11C, 14C and 24

Specify Number, Design and Finish Where Required

Number	Size	Description
2955	2 x 2 in.	Round Metal Door Knobs, Wrought Top and Shank.
B935	6 ¹¹ / ₁₆ x 2 in.	Blank Escutcheon for use with Latchset No. 500.
937	6 ¹¹ / ₁₆ x 2 in.	Escutcheon cut for Emergency Key for Outside use on Lockset No. 550.
T937	6 ¹¹ / ₁₆ x 2 in.	Escutcheon with Turn Knob for Inside use on Locksets No. 550 and B550.
907	8 ¹⁵ / ₁₆ x 2 ³ / ₈ in.	Escutcheon cut for Cylinder for Outside use on Lockset No. 5096.
T907	8 ¹⁵ / ₁₆ x 2 ³ / ₈ in.	Escutcheon with Turn Knob for Inside use on Lockset No. 5096.

Front Door Lockset

Set Number	Lock	Knobs	Escutcheons
5096QY2	500 x 1496	2955	907 x T907
5096QGY2	500 x 1496	2955 x 2110	907 x T907
5096QPY2	500 x 1496	2955 x 2150	907 x T907

Inside Latchsets

500QY1*	500	2955	B935 x B935
500GA1*	500	2110	B935 x B935
500PA1*	500	2150	B935 x B935

Bath or Bed Room Locksets

550QY1†	500	2955	937 x T937
550GA1†	500	2110	937 x T937
550PA1†	500	2150	937 x T937

*When furnished with Closet Spindles 7059 one side, suffix "½" to number. Example 500QY1½.

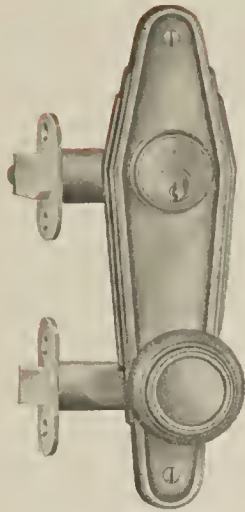
†When furnished for Bedroom Sets Escutcheon B935 will be furnished outside, prefix the letter "B" to number. Example B550QY1.
One set in a box, with screws. Front Door sets one dozen in a case; others 2½ dozen.

TUBULAR

Havre Design

(Symbol Havre)

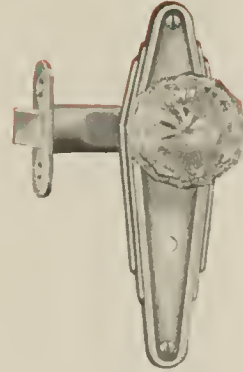
Wrought Brass or Bronze



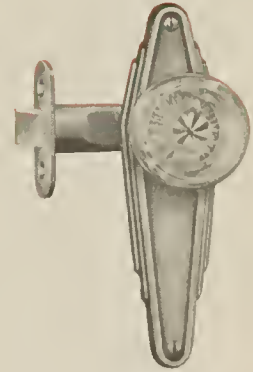
5096QY2



B550QY1



550PA1
(Illus. outside esc.)



500GA1

Illustrations One-Quarter Size.

Stock Finishes: 9C, 09B, 11C, 14C and 24

Specify Number, Design and Finish Where Required

Number	Size	Description
2955	2 x 2 in.	Round Metal Door Knobs, Wrought Top and Shank.
B935	6 x 1 7/8 in.	Blank Escutcheon for use with Latchset No. 500.
937	6 x 1 7/8 in.	Escutcheon cut for Emergency Key for Outside use on Lockset No. 550.
T937	6 x 1 7/8 in.	Escutcheon with Turn Knob for Inside use on Locksets No. 550 and B550.
907	8 1/8 x 2 3/8 in.	Escutcheon cut for Cylinder for Outside use on Lockset No. 5096.
T907	8 1/8 x 2 3/8 in.	Escutcheon with Turn Knob for Inside use on Lockset No. 5096.

Front Door Lockset

Set Number	Lock	Knobs	Escutcheons
5096QY2	500 x 1496	2955	907 x T907
5096QGY2	500 x 1496	2955 x 2110	907 x T907
5096QPY2	500 x 1496	2955 x 2150	907 x T907

Inside Latchsets

500QY1*	500	2955	B935 x B935
500GA1*	500	2110	B935 x B935
500PA1*	500	2150	B935 x B935

Bath or Bed Room Locksets

550QY1†	500	2955	937 x T937
550GA1†	500	2110	937 x T937
550PA1†	500	2150	937 x T937

*When furnished with Closet Spindles 7059 one side, suffix "1/2" to number. Example 500QY1 1/2.

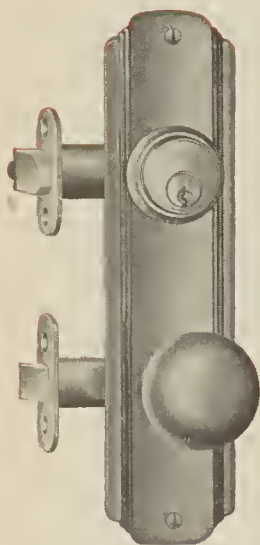
†When furnished for Bedroom Sets Escutcheon B935 will be furnished outside, prefix the letter "B" to number. Example B550QY1. One set in a box, with screws. Front Door sets one dozen in a case; others 2 1/2 dozen.

TUBULAR

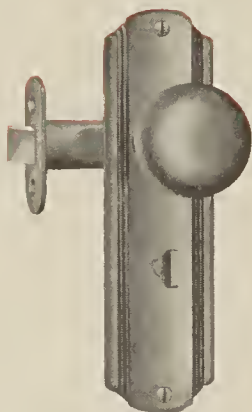
Hull Design

(Symbol Hull)

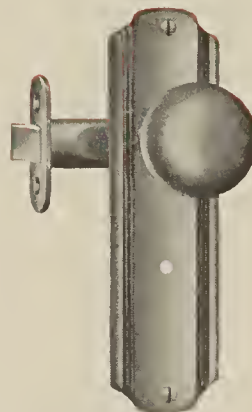
Wrought Brass or Bronze



5096KA2



B550KA1

550KA1
(Illus. outside esc.)

500GA1

Illustrations One-Quarter Size.

Stock Finishes: 9C, 11D, 11C, 14C and 24

Specify Number, Design and Finish Where Required

Number	Size	Description
2362	2 x 2 in.	Round Metal Door Knobs, Wrought Top and Shank.
B935	7¼ x 2 in.	Blank Escutcheon for use with Latch Set No. 500.
937	7¼ x 2 in.	Escutcheon cut for Emergency Key for Outside use on Lockset No. 550.
T937	7¼ x 2 in.	Escutcheon with Turn Knob for Inside use on Locksets No. 550 and B550.
907	9½ x 27/16 in.	Escutcheon cut for Cylinder for Outside use on Lockset No. 5096.
T907	9½ x 27/16 in.	Escutcheon with Turn Knob for Inside use on Lockset No. 5096.

Front Door Lockset

Set Number	Lock	Knobs	Escutcheons
5096KA2	500 x 1496	2362	907 x T907
5096KGA2	500 x 1496	2362 x 2110	907 x T907

Inside Latchsets

500KA1*	500	2362	B935 x B935
500GA1*	500	2110	B935 x B935

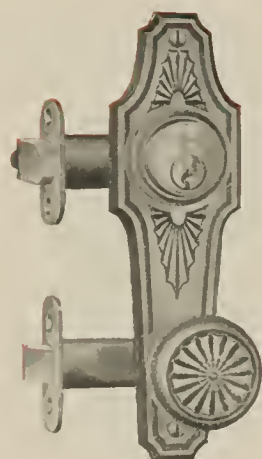
Bath or Bed Room Locksets

550KA1†	500	2362	937 x T937
550GA1†	500	2110	937 x T937

*When furnished with Closet Spindles 7059 one side, suffix "½" to number. Example 500KA1½.

†When furnished for Bedroom Sets Escutcheon B935 will be furnished outside, prefix the letter "B" to number. Example B550KA1.
One set in a box, with screws. Front Door sets one dozen in a case; others 2½ dozen.

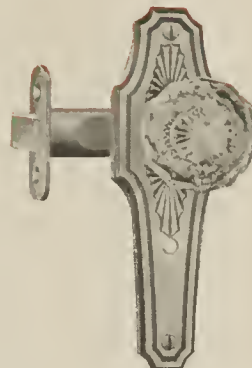
TUBULAR
Juno Design
(Symbol Juno)
Wrought Brass or Bronze



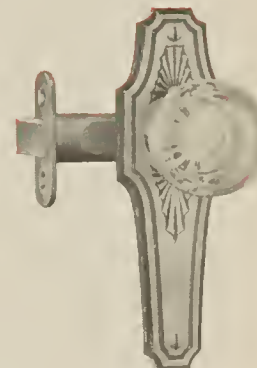
5096QY2



B550QY1



550PA1
(Illus. outside esc.)



500GA1

Illustrations One-Quarter Size.

Stock Finishes: 9C, 09B, 11C, 14C and 24
Specify Number, Design and Finish Where Required

Number	Size	Description
2955	2 x 2 in.	Round Metal Door Knobs, Wrought Top and Shank.
B935	6 x 1 7/8 in.	Blank Escutcheon for use with Latchset No. 500.
937	6 x 1 7/8 in.	Escutcheon cut for Emergency Key for Outside use on Lockset No. 550.
T937	6 x 1 7/8 in.	Escutcheon with Turn Knob for Inside use on Locksets No. 550 and B550.
907	8 1/8 x 2 3/8 in.	Escutcheon cut for Cylinder for Outside use on Lockset No. 5096.
T907	8 1/8 x 2 3/8 in.	Escutcheon with Turn Knob for Inside use on Lockset No. 5096.

Front Door Lockset

Set Number	Lock	Knobs	Escutcheons
5096QY2	500 x 1496	2955	907 x T907
5096QGY2	500 x 1496	2955 x 2110	907 x T907
5096QPY2	500 x 1496	2955 x 2150	907 x T907

Inside Latchsets

500QY1*	500	2955	B935 x B935
500GA1*	500	2110	B935 x B935
500PA1*	500	2150	B935 x B935

Bath or Bed Room Locksets

550QY1†	500	2955	937 x T937
550GA1†	500	2110	937 x T937
550PA1†	500	2150	937 x T937

*When furnished with Closet Spindles 7059 one side, Suffix "1/2" to number. Example 500QY1 1/2.

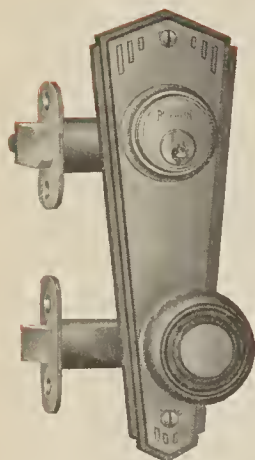
†When furnished for Bedroom Sets Escutcheon B935 will be furnished outside, prefix the letter "B" to number. Example B550QY1.
One set in a box, with screws. Front Door sets one dozen in a case; others 2 1/2 dozen.

TUBULAR

Nile Design

(Symbol Nile)

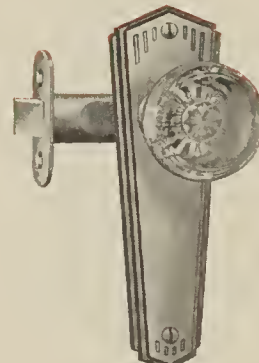
Wrought Brass or Bronze



5096QY2



B550QY1

550PA1
(Illus. outside esc.)

500GA1

Illustrations One-Quarter Size.

Stock Finishes: 9C, 09B, 11C, 14C and 24

Specify Number, Design and Finish Where Required

Number	Size	Description
2955	2 x 2 in.	Round Metal Door Knobs, Wrought Top and Shank.
B935	6 x 1 $\frac{7}{8}$ in.	Blank Escutcheon for use with Latchset No. 500.
937	6 x 1 $\frac{7}{8}$ in.	Escutcheon cut for Emergency Key for Outside use on Lockset No. 550.
T937	6 x 1 $\frac{7}{8}$ in.	Escutcheon with Turn Knob for Inside use on Locksets No. 550 and B550.
907	8 $\frac{1}{8}$ x 2 $\frac{3}{8}$ in.	Escutcheon cut for Cylinder for Outside use on Lockset No. 5096.
T907	8 $\frac{1}{8}$ x 2 $\frac{3}{8}$ in.	Escutcheon with Turn Knob for Inside use on Lockset No. 5096.

Front Door Lockset

Set Number	Lock	Knobs	Escutcheons
5096QY2	500 x 1496	2955	907 x T907
5096QGY2	500 x 1496	2955 x 2110	907 x T907
5096QPY2	500 x 1496	2955 x 2150	907 x T907

Inside Latchsets

500QY1*	500	2955	B935 x B935
500GA1*	500	2110	B935 x B935
500PA1*	500	2150	B935 x B935

Bath or Bed Room Locksets

550QY1†	500	2955	937 x T937
550GA1†	500	2110	937 x T937
550PA1†	500	2150	937 x T937

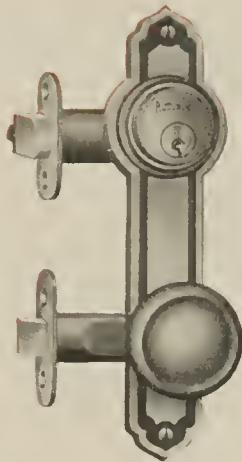
*When furnished with Closet Spindles 7059 one side, Suffix "1/2" to number. Example 500QY1 $\frac{1}{2}$.†When furnished for Bedroom Sets Escutcheon B935 will be furnished outside, prefix the letter "B" to number. Example B550QY1.
One set in a box, with screws. Front Door sets one dozen in a case; others 2 $\frac{1}{2}$ dozen.

TUBULAR

Reco Design

(Symbol Reco)

Wrought Brass or Bronze



5096QY2



B550QY1



550ZY1
(Illus. outside esc.)



500VY1

Illustrations One-Quarter Size.

Stock Finishes: 4, 9C, 09B, 11C, 14C and 24

Specify Number, Design and Finish Where Required

Number	Size	Description
2955	2 x 2 in.	Round Metal Door Knobs, Wrought Top and Shank.
B935	6½ x 2⅛ in.	Blank Escutcheon for use with Latchset No. 500.
937	6½ x 2⅛ in.	Escutcheon cut for Emergency Key for Outside use on Lockset No. 550.
T937	6½ x 2⅛ in.	Escutcheon with Turn Knob for Inside use on Locksets No. 550 and B550.
907	8⅛ x 2¼ in.	Escutcheon cut for Cylinder for Outside use on Lockset No. 5096.
T907	8⅛ x 2¼ in.	Escutcheon with Turn Knob for Inside use on Lockset No. 5096.

Front Door Lockset

Set Number	Lock	Knobs	Escutcheons
5096QY2	500 x 1496	2955	907 x T907
5096QJY2	500 x 1496	2955 x 2136	907 x T907
5096QVY2	500 x 1496	2955 x 2112	907 x T907
5096QZY2	500 x 1496	2955 x 2152	907 x T907

Inside Latchsets

500QY1*	500	2955	B935 x B935
500JY1*	500	2136	B935 x B935
500VY1*	500	2112	B935 x B935
500ZY1*	500	2152	B935 x B935

Bath or Bed Room Locksets

550QY1†	500	2955	937 x T937
550JY1†	500	2136	937 x T937
550VY1†	500	2112	937 x T937
550ZY1†	500	2152	937 x T937

*When furnished with Closet Spindle 7059 one side, suffix "½" to number. Example 500QY1½.

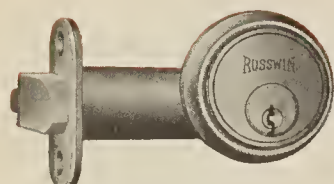
†When furnished for Bedroom Sets Escutcheon B935 will be furnished outside, prefix the letter "B" to number. Example B550QY1.
One set in a box, with screws. Front Door sets one dozen in a case; others 2½ dozen.

TUBULAR

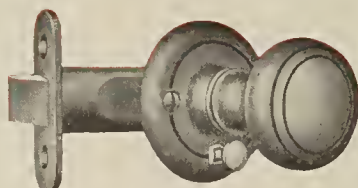
Empire Design

(Symbol Emp.)

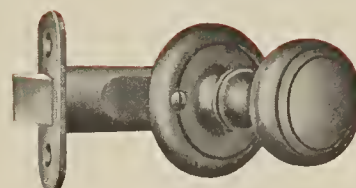
Wrought Brass or Bronze



5096DC1



550DC1



500EC1

Illustrations One-Third Size

Stock Finishes: 10B, 11DB, 24B and 34B

Specify Number, Design and Finish Where Required

Number	Size	Description
21582	2 in.	Round Metal Door Knob, Wrought Top, Cast French Shank.
21586	1¾ in.	Round Metal Door Knob, Wrought Top, Cast French Shank.
210	2¼ in.	Round Wrought Rose for use with Latchset No. 500.
235	2¼ in.	Round Wrought Rose cut for Emergency Key for Outside use on Lockset No. 550.
260	2¼ in.	Round Wrought Rose with Locking Mechanism for Inside use on Locksets No. 550 and B550.

Front Door Locksets

Set Number	Lock	Knobs	Roses
5096DC1	500 x 1496	21582	210 x 210
5096EC1	500 x 1496	21586	210 x 210

Inside Latchsets

500DC1*	500	21582	210 x 210
500EC1*	500	21586	210 x 210

Bath or Bed Room Lockset

550DC1†	500	21582	235 x 260
550EC1†	500	21586	235 x 260

*When furnished with Closet Spindle 7059 one side, suffix "½" to number. Example 500DC1½.

†When furnished for Bedroom Sets Rose 210 will be furnished outside, prefix letter "B" to number. Example B550DC1.

One set in a box, with screws, 2½ dozen in a case.

TUBULAR

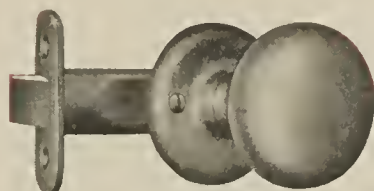
Hampton Design

(Symbol Hamp.)

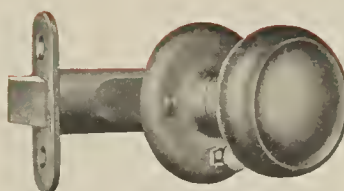
Wrought Brass or Bronze



5096KA1



550QY1



500PA1

Illustrations One-Third Size

Stock Finishes: 9, 10, 11D, 14 and 24
Specify Number, Design and Finish Where Required

Number	Size	Description
2362	2 in.	Round Metal Door Knob, Wrought Top and Shank.
2382	2 in.	Round Metal Door Knob, Wrought Top and Shank.
2383	2 1/4 in.	Round Metal Door Knob, Wrought Top and Shank.
2955	2 in.	Round Metal Door Knob, Wrought Top and Shank.
2110	2 in.	Glass Knob, Wrought Shank.
2112	2 in.	Glass Knob, Wrought Shank.
2150	2 in.	Glass Knob, Wrought Shank.
2152	2 in.	Glass Knob, Wrought Shank.
200	2 1/4 in.	Round Wrought Rose, Blank for use with Latchset No. 500.
225	2 1/4 in.	Round Wrought Rose, cut for Emergency Key for Outside use on Lockset No. 550.
250	2 1/4 in.	Round Wrought Rose with Locking Mechanism for use on Inside Locksets No. 550 and B550.

Front Door Lockset

Set Number	Lock	Knobs	Roses
5096KA1	500 x 1496	2362	200 x 200
5096KY1	500 x 1496	2382	200 x 200
5096RY1	500 x 1496	2383	200 x 200
5096QY1	500 x 1496	2955	200 x 200

Inside Latchset

500KA1*	500	2362	200 x 200
500KY1*	500	2382	200 x 200
500RY1*	500	2383	200 x 200
500QY1*	500	2955	200 x 200
500GA1*	500	2110	200 x 200
500PA1*	500	2150	200 x 200
500VY1*	500	2112	200 x 200
500ZY1*	500	2152	200 x 200

Bath or Bed Room Locksets

550KA1†	500	2362	225 x 250
550KY1†	500	2382	225 x 250
550RY1†	500	2383	225 x 250
550QY1†	500	2955	225 x 250
550GA1†	500	2110	225 x 250
550PA1†	500	2150	225 x 250
550VY1†	500	2112	225 x 250
550ZY1†	500	2152	225 x 250

*When furnished with Closet Spindle 7059 one side, suffix "1/2" to number. Example 500KA1 1/2.

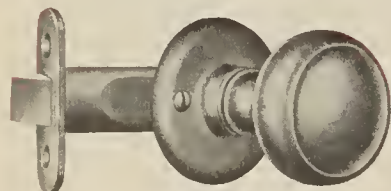
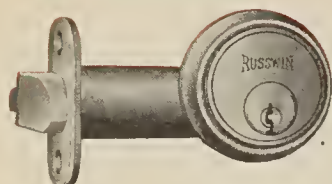
†When furnished for Bedroom Sets Rose 200 will be furnished outside, prefix the letter "B" to number. Example B550KA1.
One set in a box, with screws; 2 1/2 dozen in a case.

TUBULAR

Woburn Design

(Symbol Wob.)

Wrought Brass and Bronze



5096WY1



550CC1



500AC1

Illustrations One-Third Size

Stock Finishes: 9, 10, 11D, 14 and 24

Specify Number, Design and Finish Where Required

Number	Size	Description
21455	2 in.	Round Metal Door Knobs, Wrought Top, Cast French Shank.
21482	2 in.	Round Metal Door Knobs, Wrought Top, Cast French Shank.
21486	1¾ in.	Round Metal Door Knobs, Wrought Top, Cast French Shank.
21496	1¾ in.	Round Metal Door Knobs, Wrought Top, Cast French Shank.
200	2¼ in.	Round Wrought Rose, Blank for use with Latchset No. 500.
225	2¼ in.	Round Wrought Rose, cut for Emergency Key for Outside use on Lockset No. 550.
250	2¼ in.	Round Wrought Rose with Locking Mechanism for Inside use on Locksets No. 550 and B550.

Front Door Locksets

Set Number	Lock	Knobs	Roses
5096WY1	500 x 1496	21455	200 x 200
5096AC1	500 x 1496	21482	200 x 200
5096BC1	500 x 1496	21486	200 x 200
5096CC1	500 x 1496	21496	200 x 200

Inside Latchsets

500WY1*	500	21455	200 x 200
500AC1*	500	21482	200 x 200
500BC1*	500	21486	200 x 200
500CC1*	500	21496	200 x 200

Bath or Bed Room Locksets

550WY1†	500	21455	225 x 250
550AC1†	500	21482	225 x 250
550BC1†	500	21486	225 x 250
550CC1†	500	21496	225 x 250

*When furnished with Closet Spindle 7059 one side, suffix "½" to number. Example 500WY1½.

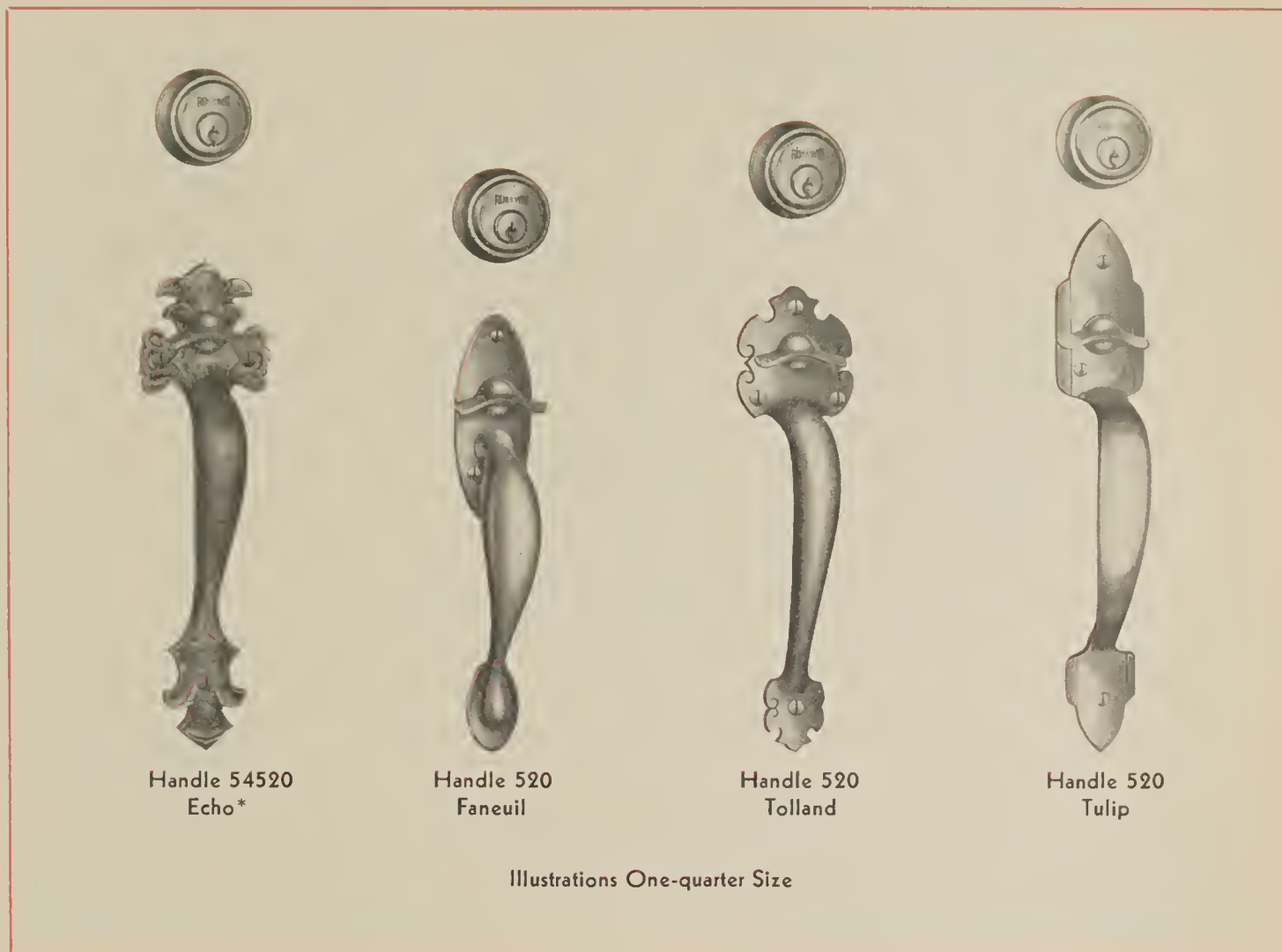
†When furnished for Bedroom Sets Rose 200 will be furnished outside, prefix the letter "B" to number. Example B550WY1.

One set in a box, with screws; 2½ dozen in a case.

TUBULAR

Entrance Handle Lock Sets

Cast Brass or Bronze



Latch 500 x Dead Lock 1200 with one Handle and Cylinder Collar outside, 1/2 pair Knobs 2383, Rose 12 and Turn Knob inside

Set Number	Handle No.	Design	Grip No.	Size Over-all	Cylinder Collar	Plates
54500 Echo*	54520	Echo	Echo	13½ x 1⅞ in.	1⅞ in.	10¼ x 2⅝ in.
15500 Faneuil	520	Faneuil	Faneuil	11¾ x 1⅞ in.	1⅞ in.	8¾ x 1½ in.
15500 Tolland	520	Tolland	Tolland	12¾ x 1⅞ in.	1⅞ in.	9¾ x 2¾ in.
15500 Tulip	520	Tulip	Tulip	13 x 1⅞ in.	1⅞ in.	10¾ x 1⅞ in.

*Furnished in Cast Russwin Metal in Finishes 45H or 45B only or Cast Brass in Finish 9OE only.

Specify set number, name of design and finish.

For Locks, see pages 272A-312A.

One set in a box with screws.

Colonial Hand Forged Iron Hardware



OLD WITCHE'S HOUSE

Entrance Door
Handle



No. 3506
Size: 13 x 2 $\frac{5}{8}$ in.

Cylinder Collar



No. 3506 $\frac{1}{2}$
Size: 3 $\frac{3}{8}$ x 2 in.

Push Button



No. 3506 $\frac{3}{4}$
Size: 2 $\frac{3}{8}$ x 1 $\frac{1}{2}$ in.

Door Knocker



No. 3532
Size: 9 $\frac{1}{2}$ x 2 $\frac{5}{8}$ in.

Hinge Strap



No. 3555
Sizes: 1 $\frac{1}{2}$ x 14; 1 $\frac{1}{2}$ x 22; 1 $\frac{1}{2}$ x 30 in.

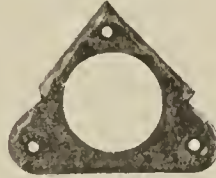
Colonial Hand Forged Iron Hardware

Entrance Door
Handle



No. 3505
Size: 11 1/2 x 3 3/4 in.

Cylinder Collar



No. 3505 1/2
Size: 2 1/8 x 2 1/2 in.

Push Button



No. 3505 3/4
Size: 1 3/4 x 1 1/2 in.

Thumb Latch



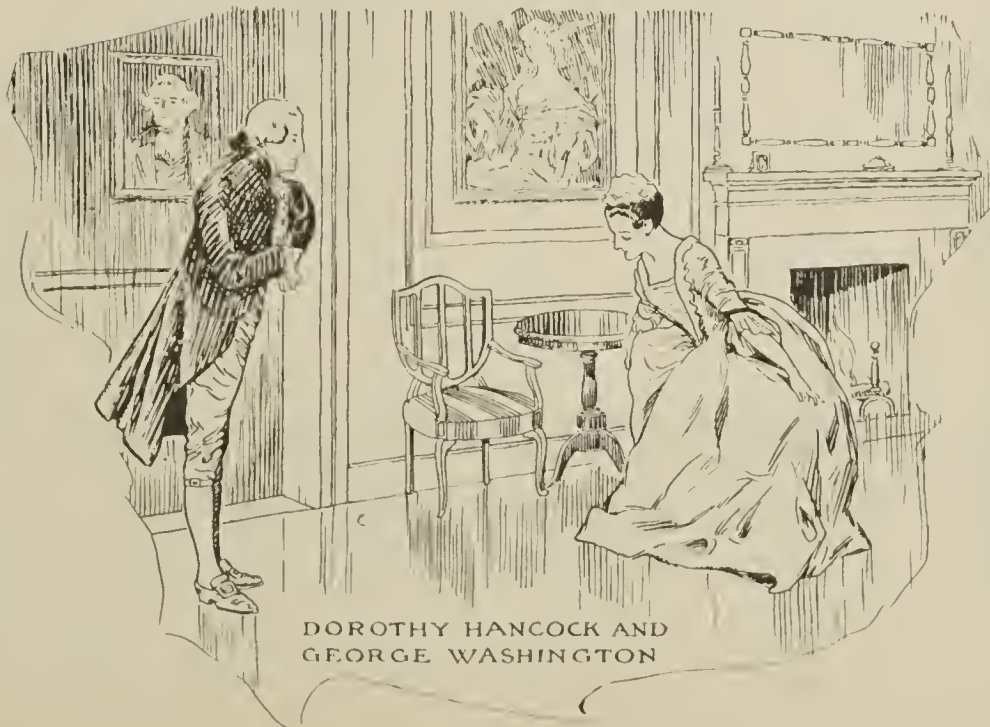
No. 3522
Size: 8 3/4 x 2 1/2 in.

Hinge Strap



No. 3554
Size: 1 1/2 x 14; 1 1/2 x 22; 1 1/2 x 30 in.

For Door Pull to match, see page 133.



DOROTHY HANCOCK AND
GEORGE WASHINGTON

Colonial Hand Forged Iron Hardware



REVERE
Cartoonist
Engraver
Silversmith
Patriot

Entrance Door
Handle



No. 3503
Size: 12 x 3 in.

Cylinder Collar



No. 3503 1/2
Size: 2 3/8 x 2 1/4 in.

Push Button



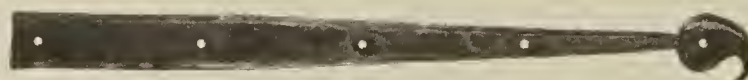
No. 3503 3/4
Size: 2 1/2 x 1 5/8 in.

Door Pull



No. 3572
Size: 12 x 3 in.

Hinge Strap



No. 3550
Size: 1 1/2 x 14; 1 1/2 x 22; 1 1/2 x 30 in.

Colonial Hand Forged Iron Hardware

Entrance Door
Handle



No. 3510
Size: 9½ x 3½ in.

Door Knocker

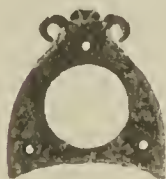


No. 3534
Size: 6¼ x 2¼ in.



The
ONE CENT
SHOP
1840

Cylinder Collar



No. 3510½
Size: 2¾ x 2¼ in.

Push Button



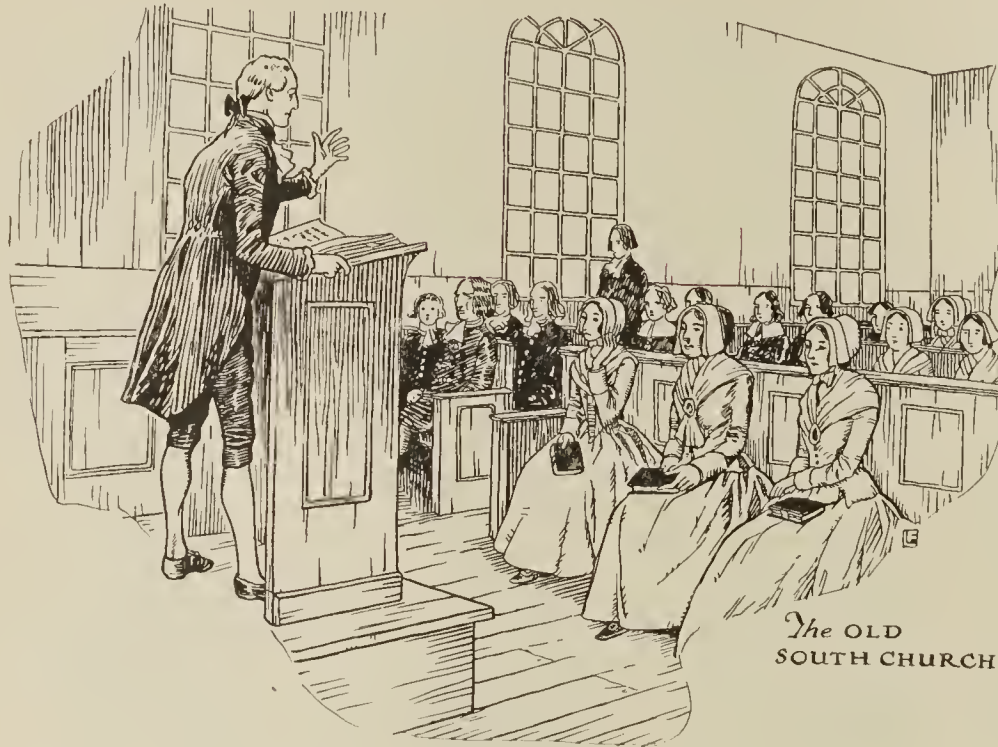
No. 3510¾
Size: 1⅞ x 1⅝ in.

Hinge Strap



No. 3548
Size: 1½ x 14; 1½ x 22; 1½ x 30 in.

Colonial Hand Forged Iron Hardware



*The OLD
SOUTH CHURCH*

Entrance Door
Handle



No. 3504
Size: 10 $\frac{3}{4}$ x 3 in.

Cylinder Collar



No. 3504 $\frac{1}{2}$
Size: 2 x 2 in.

Door Knocker



No. 3530
Size: 5 x 2 in.

Push Button



No. 3504 $\frac{3}{4}$
Size: 1 $\frac{1}{2}$ x 1 $\frac{1}{2}$ in.

Thumb Latch



No. 3521
Size: 7 $\frac{5}{8}$ x 2 $\frac{1}{8}$ in.

Colonial Hand Forged Iron Hardware



No. 3500



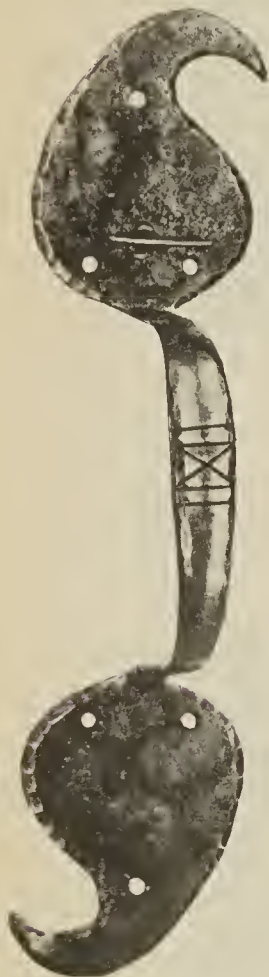
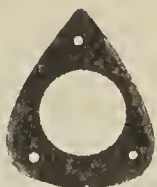
No. 3501



No. 3502

Number	Size	Description
3500	21 $\frac{1}{4}$ x 3 $\frac{1}{4}$ in.	Entrance Door Handle
3501	20 x 3 $\frac{3}{8}$ in.	Entrance Door Handle
3502	23 $\frac{1}{2}$ x 3 $\frac{5}{8}$ in.	Entrance Door Handle

Colonial Hand Forged Iron Hardware



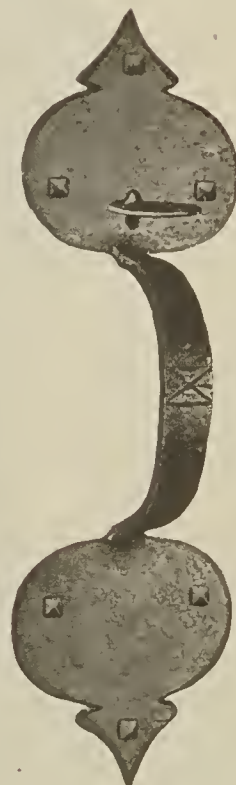
No. 3503



No. 3507



No. 3508



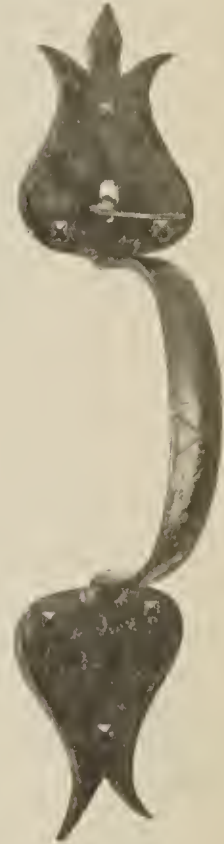
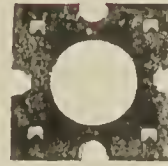
No. 3509

Number	Size	Description
3503	12 x 3 in.	Entrance Door Handle
3507	9½ x 2¼ in.	Entrance Door Handle
3508	10¾ x 3 in.	Entrance Door Handle
3509	9¾ x 3¼ in.	Entrance Door Handle

Size does not include Cylinder Collar.

Push Buttons to match, see page 130.

Colonial Hand Forged Iron Hardware



No. 3511

No. 3512

No. 3513

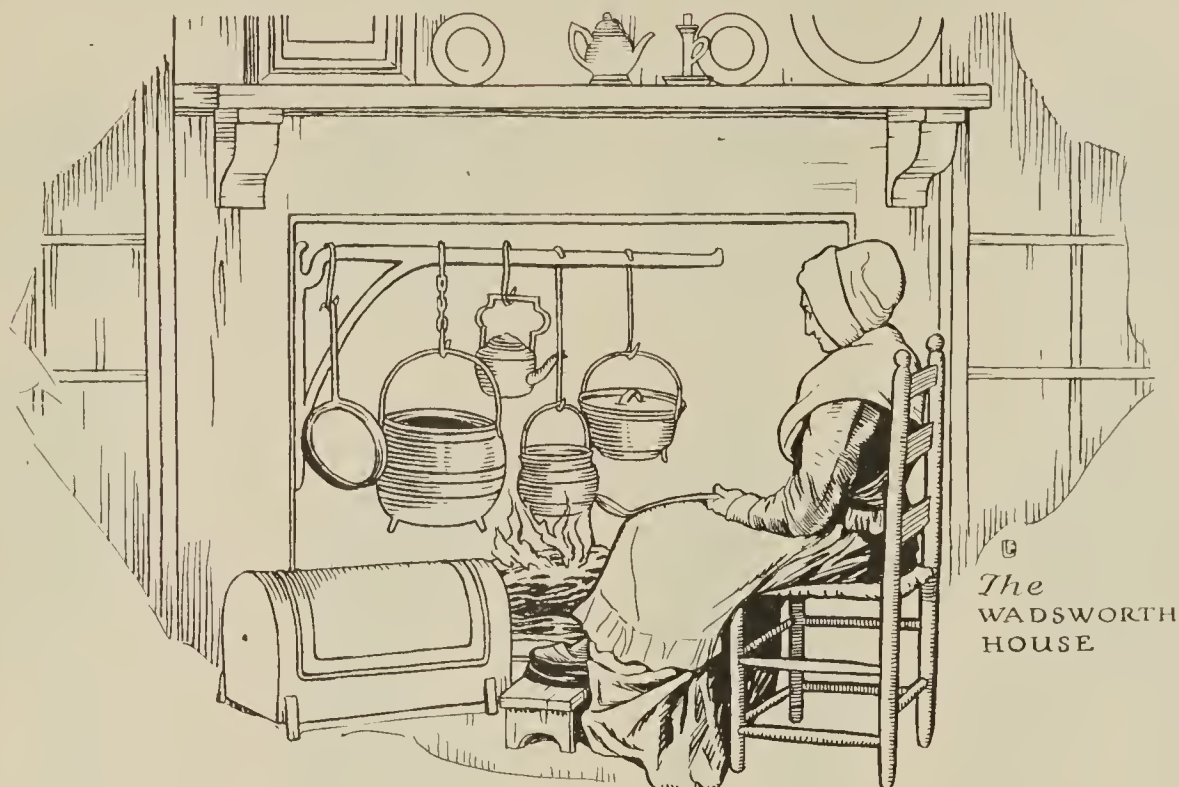
No. 3514

Number	Size	Description
3511	10 ⁷ / ₈ x 3 in.	Entrance Door Handle
3512	9 x 2 ⁷ / ₈ in.	Entrance Door Handle
3513	9 ⁷ / ₈ x 2 ³ / ₄ in.	Entrance Door Handle
3514	11 ¹ / ₄ x 2 ³ / ₄ in.	Entrance Door Handle

Push Buttons to match, see page 130.

Size does not include Cylinder Collar.

Colonial Hand Forged Iron Hardware



The
WADSWORTH
HOUSE



Latch Bar
Nos. 3515, 3516



No. 3518



No. 3519



No. 3520



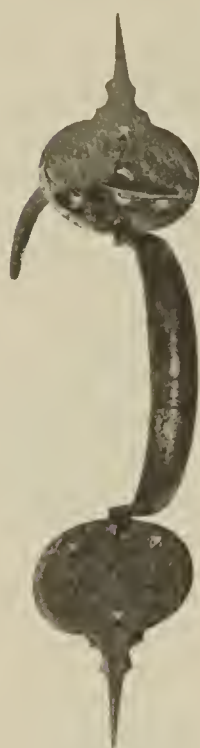
No. 3521



No. 3522

Number	Size	Description	Number	Size	Description
3515	6 $\frac{7}{8}$ in.	Latch Bar	3520	7 x 2 $\frac{1}{8}$ in.	Thumb Latch for Inside Doors
3516	8 in.	Latch Bar	3521	7 $\frac{5}{8}$ x 2 $\frac{1}{8}$ in.	Thumb Latch for Inside Doors
3518	9 x 2 $\frac{1}{8}$ in.	Thumb Latch for Inside Doors	3522	8 $\frac{3}{4}$ x 2 $\frac{1}{4}$ in.	Thumb Latch for Inside Doors
3519	10 x 2 $\frac{1}{4}$ in.	Thumb Latch for Inside Doors			

Colonial Hand Forged Iron Hardware



No. 3523



No. 3524



No. 3525



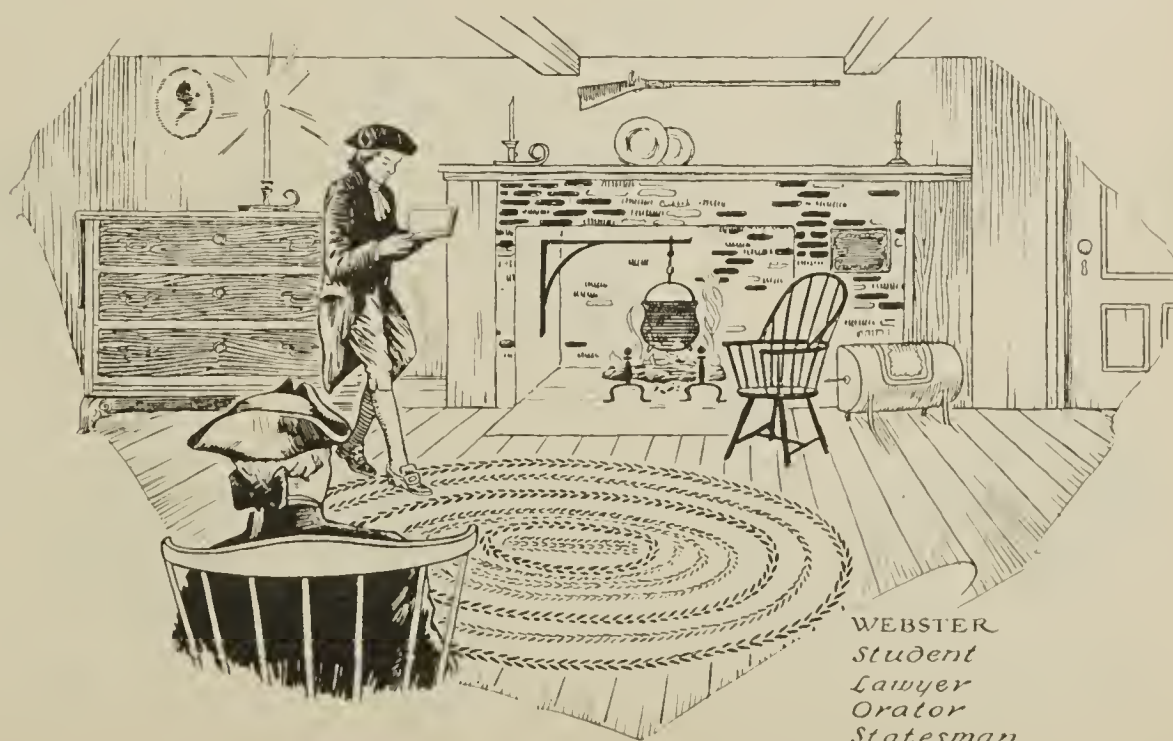
No. 3526



No. 3527

Number	Size	Description
3523	9 $\frac{7}{8}$ x 2 $\frac{3}{4}$ in.	Thumb Latch for Inside Doors
3524	9 $\frac{1}{4}$ x 2 in.	Thumb Latch for Inside Doors
3525	9 x 1 $\frac{5}{8}$ in.	Thumb Latch for Inside Doors
3526	8 x 3 in.	Thumb Latch for Inside Doors
3527	9 x 2 $\frac{1}{4}$ in.	Thumb Latch for Inside Doors

Latch Bars, see page 128.



WEBSTER
Student
Lawyer
Orator
Statesman

Colonial Hand Forged Iron Hardware

Cylinder Collars



No. 3507 $\frac{1}{2}$
Size: 2 $\frac{1}{2}$ x 2 in.



No. 3508 $\frac{1}{2}$
Size: 2 $\frac{3}{8}$ x 2 $\frac{1}{4}$ in.



No. 3539
Size: 3 $\frac{1}{8}$ x 2 in.



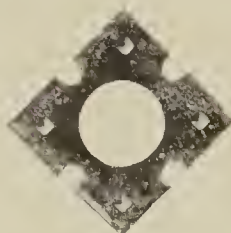
No. 3509 $\frac{1}{2}$
Size: 2 $\frac{3}{4}$ x 2 $\frac{1}{4}$ in.



No. 3511 $\frac{1}{2}$
Size: 3 $\frac{1}{8}$ x 2 $\frac{1}{4}$ in.



No. 3512 $\frac{1}{2}$
Size: 2 x 2 $\frac{1}{4}$ in.



No. 3513 $\frac{1}{2}$
Size: 2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.



No. 3514 $\frac{1}{2}$
Size: 3 $\frac{1}{8}$ x 2 $\frac{1}{4}$ in.



Push Buttons



No. 3507 $\frac{3}{4}$
Size: 2 x 1 $\frac{1}{2}$ in.



No. 3508 $\frac{3}{4}$
Size: 1 $\frac{1}{2}$ x 1 $\frac{1}{2}$ in.



No. 3511 $\frac{3}{4}$
Size: 2 $\frac{5}{8}$ x 2 in.



No. 3509 $\frac{3}{4}$
Size: 1 $\frac{3}{8}$ x 1 $\frac{1}{2}$ in.



No. 3512 $\frac{3}{4}$
Size: 1 $\frac{1}{4}$ x 1 $\frac{5}{8}$ in.



No. 3513 $\frac{3}{4}$
Size: 2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.



No. 3523 $\frac{3}{4}$
Size: 3 $\frac{7}{8}$ x 1 $\frac{1}{4}$ in.



No. 3502 $\frac{3}{4}$
Size: 3 $\frac{1}{2}$ x 1 $\frac{1}{2}$ in.



No. 3514 $\frac{3}{4}$
Size: 3 $\frac{1}{8}$ x 2 $\frac{1}{4}$ in.

For other Cylinder Collars and Push Buttons, see pages 70, 120 to 127.
If Roses for Lever Handles are wanted, substitute $\frac{1}{4}$ for $\frac{1}{2}$ on Cylinder Collar numbers.

Colonial Hand Forged Iron Hardware

Door Knockers



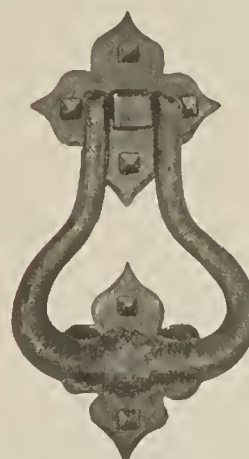
No. 3530
Size: 5 x 2 in.



No. 3531
Size: 6½ x 3½ in.



No. 3532
Size: 9½ x 2½ in.



No. 3533
Size: 6¾ x 3½ in.



No. 3534
Size: 6¼ x 2¼ in.

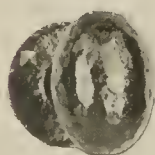


No. 3529
Size: 7½ x 3¾ in.



No. 3528
Size: 5½ x 2½ in.

Door Knob and Rose



No. 3536

Knob
Size: 1⅞ x 1⅜ in.

Rose
Size: 1¾ in.



Key Plate Escutcheons



No. 3537
Size: 1⅞ x 1⅞ in.



No. 3538
Size: 2 x ⅞ in.

Lever Handles†



No. 3541 Size: 3¼ in.



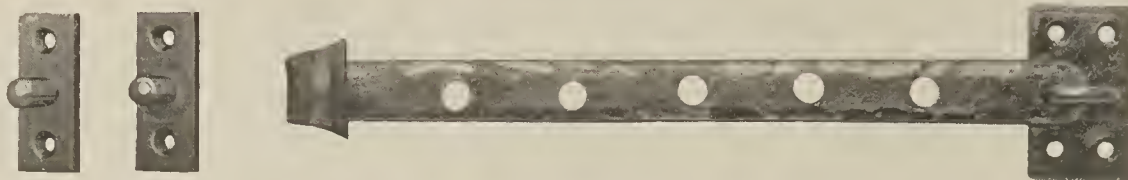
No. 3542 Size: 3¼ in.

†Specify Hand.

Roses suitable for Lever Handles, see page 130.

Colonial Hand Forged Iron Hardware

Casement Adjusters



No. 3574

Size: Sash Plate, 2 x 1¼ in.; Sill Plate, 2 x ¾ in.; Bar, 10, 12 or 15 in.
Specify Length of Bar.

Casement Fasteners



Surface

No. 3575

Size: Plate, 3 x 1¼ in.
Lever, 4 in. Projection 1¼ in.



Mortise

Rim

Surface

No. 3576

Size: Plates, 4 x ¾ in.
Lever, 1¾ in. Projection 1¼ in.

Specify type of Strike.

Cabinet Latches

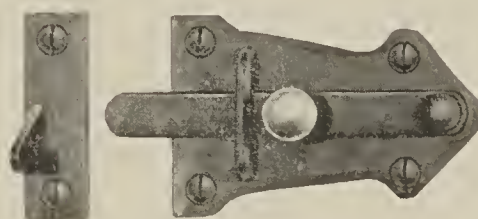
Bar Latch



No. 3577

Size: Plates, 2½ x ⅝ in.
Bar, 2¼ in.
With Brass Knob

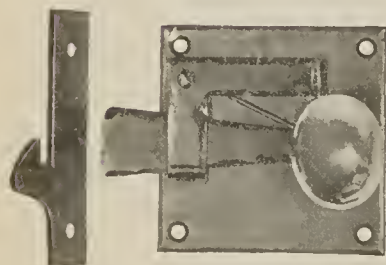
Lift Latch



No. 3590

Size: 1¾ x 2½ in.
Bar 2¾ in.
With Brass Knob

Rim Knob Spring Latches



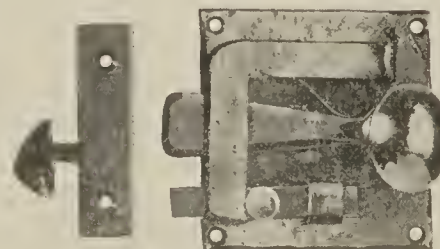
No. 3578†

Size: 3 x 3 in.
With Polished Brass Knob



No. 3580†

Size: 3 x 5 in.
With Polished Brass Knob



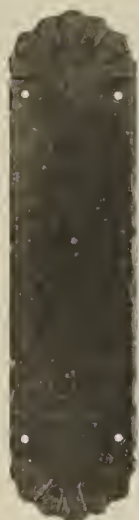
No. 3579†

Size: 3¾ x 3¾ in.
With Slide Bolt and Polished
Brass Knobs

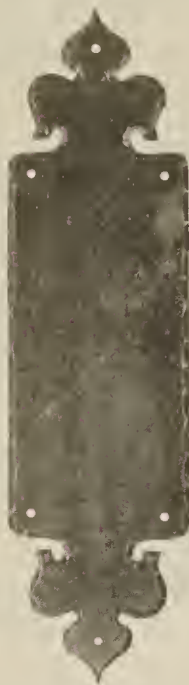
†Not Reversible, Specify Hand. Illustration is Right Hand.

Colonial Hand Forged Iron Hardware

Push Plates



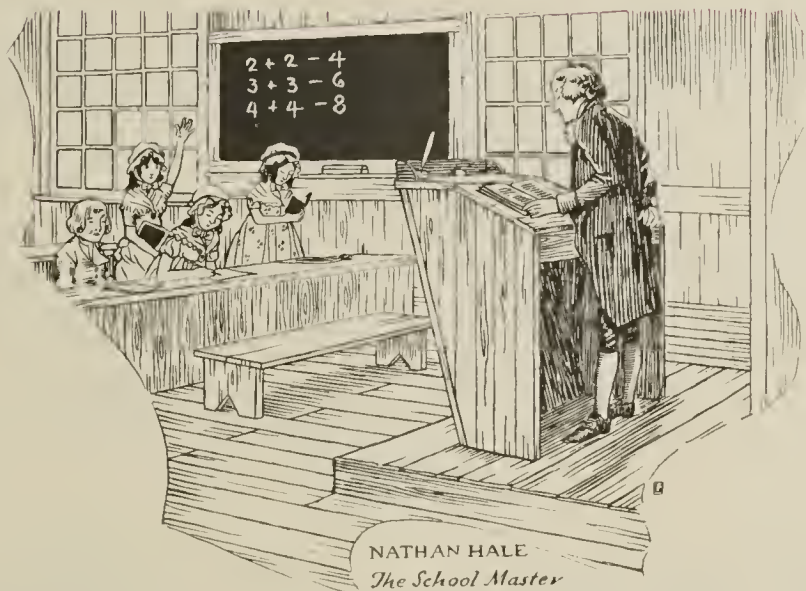
No. 3567
 Sizes: 12 x 3 in.
 15 x 3½ in.



No. 3569
 Size: 15 x 4 in.



No. 3568
 Size: 12 x 3 in.



NATHAN HALE
The School Master

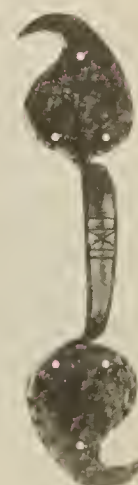
Door Pulls



No. 3570
 Size: 11 x 3¾ in.



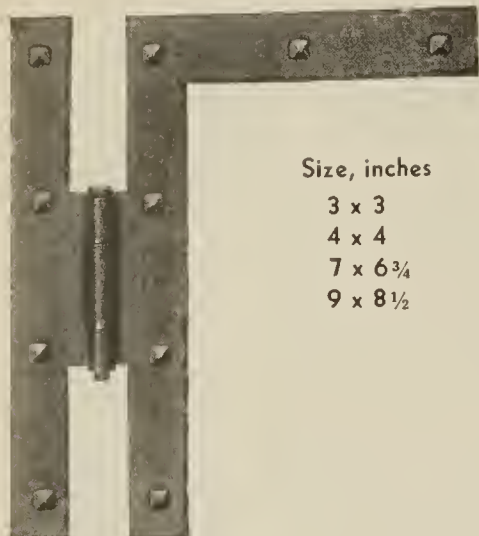
No. 3571
 Size: 9¾ x 4 in.



No. 3572
 Size: 12 x 3 in.

Colonial Hand Forged Iron Hardware

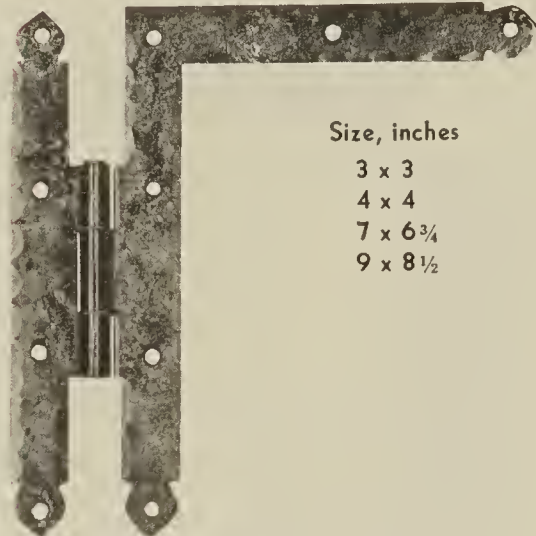
H L Hinges



No. 3562

Size, inches

3 x 3
4 x 4
7 x 6³/₄
9 x 8¹/₂



No. 3564

Size, inches

3 x 3
4 x 4
7 x 6³/₄
9 x 8¹/₂



H Hinges

Butterfly Hinge



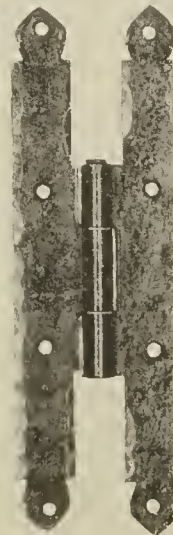
No. 3566
Size: 2¹/₂ x 2 in.



No. 3563

Size, inches

3 x 1³/₄
4 x 1⁷/₈
7 x 2¹/₄
9 x 2¹/₂



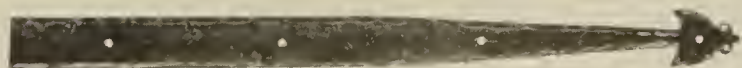
No. 3565

Size, inches

3 x 1³/₄
4 x 1⁷/₈
7 x 2¹/₄
9 x 2¹/₂

Colonial Hand Forged Iron Hardware

Hinge Straps



No. 3548



No. 3550



No. 3547



No. 3556



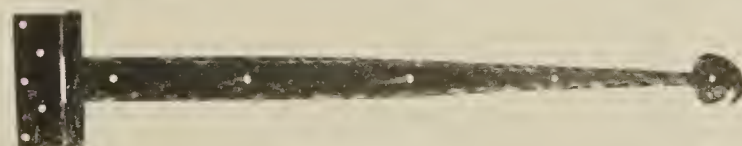
No. 3549



No. 3553



No. 3552



No. 3560



No. 3545



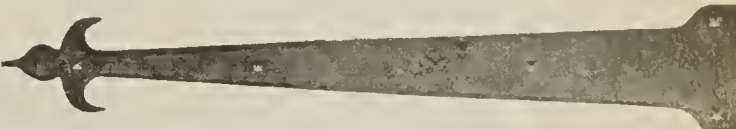
No. 3555



No. 3551



No. 3554



No. 3546



No. 3559

No. 3545 furnished in two lengths only, 16 and 22 1/2 in.
Nos. 3559 and 3560 furnished 20 or 30 inches long with 6 inch pads; all others furnished in three sizes: 1 1/2 x 14, 1 1/2 x 22 and 1 1/2 x 30 inches. Specify Length.

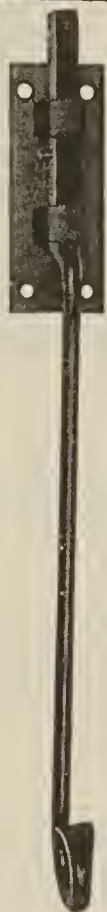
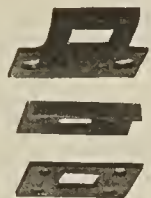


The OLD
ADAMS HOUSE

Colonial Hand Forged Iron Hardware

Slide Bolts

Universal
Angle
Flat



No. 3582
Size: 12 x 1 3/8 in

Universal
Angle
Flat



No. 3583
Size: 3 1/2 x 1 3/8 in.

Universal
Rim
Flat



No. 3584
Size: 5 3/4 x 1 3/4 in.

Foot Scraper



No. 3585
Size: 12 x 6 1/4 in.

Shutter Dogs



No. 3587
Size: 8 x 3 in.



No. 3588
Size: 7 1/4 x 1 1/2 in.



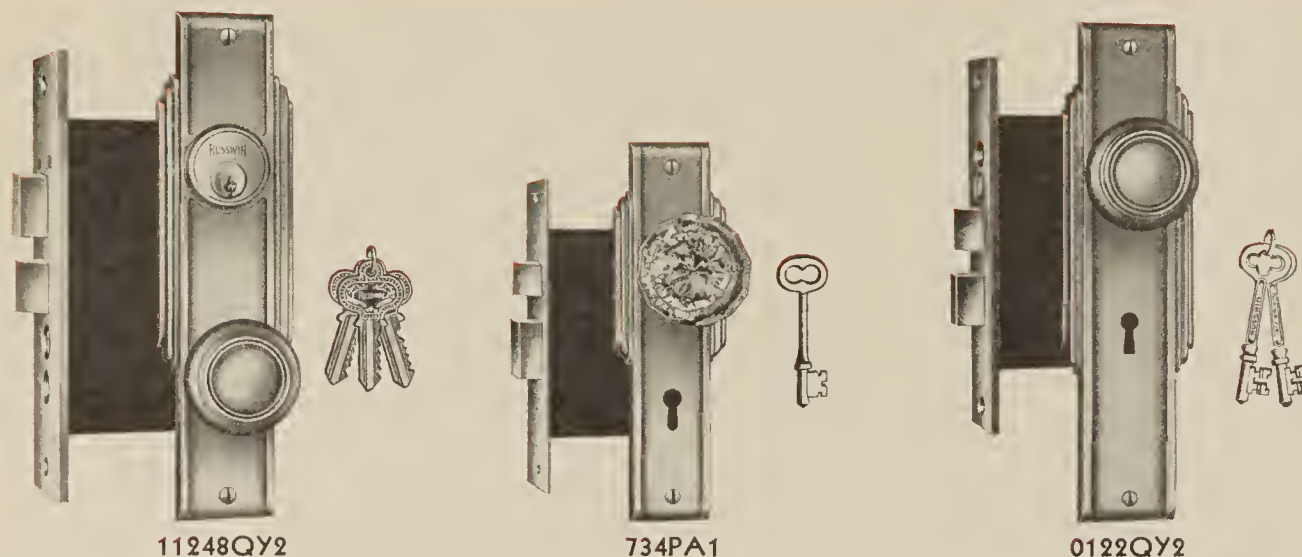
No. 3589
Size: 6 3/4 x 2 1/4 in.

DESIGNS
IN
WROUGHT BRASS,
BRONZE OR STEEL

Aero Design

(Symbol Aero)

Wrought Brass, Bronze or Steel



Illustrations One-quarter Size

Stock Finishes: 9C, 11C, and 14C

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
2955	27955	2 x 2 in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20
900		$8\frac{15}{16} \times 2\frac{3}{8}$ in.	Door Knobs, Glass, see page 223.
906 $\frac{1}{2}$	7906 $\frac{1}{2}$	$8\frac{15}{16} \times 2\frac{3}{8}$ in.	Escutcheon for Cylinder Locks, Outside, $5\frac{1}{2}$ in. and larger.
T1940		$6\frac{11}{16} \times 2$ in.	Escutcheon for Bit-Key Locks, No. 0122 Etc.
940	7940	$6\frac{11}{16} \times 2$ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067: Spaced for 11213, 11224 and 11248 Locks.
935	7935	$6\frac{11}{16} \times 2$ in.	Escutcheons for Mortise Locks, 4, $4\frac{1}{4}$, and $4\frac{1}{2}$ in.
			Escutcheons for Mortise Locks, $3\frac{1}{2}$ in.

Front and Vestibule Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	Escutcheons
11248QY2	11248	269	2955	900 x T1940
11248 $\frac{1}{2}$ QY2	11248 $\frac{1}{2}$	269	2955	900 x B940
11456QY2*	11456	266	2955	900 x B940
0122QY2	0122	276	2955	906 $\frac{1}{2}$ x 940
0122 $\frac{1}{2}$ QY4	0122 $\frac{1}{2}$	276	2955	940 x B940

*Specify hand.

Inside Door Sets—Wrought Brass or Bronze

734QY1	734	298	2955	935 x 935
734GA1	734	298	2110	935 x 935
734PA1	734	298	2150	935 x 935
15631†	731	298	2110	935 x 935
15731†	731	298	2150	935 x 935

Bit-Key Front and Vestibule Door Sets—Wrought Steel

7122CY2	7122	276	27955	7906 $\frac{1}{2}$ x 7940
7122 $\frac{1}{2}$ CY4	7122 $\frac{1}{2}$	276	27955	7940 x B7940

Inside Door Sets—Wrought Steel

731CY1	731	298	27955	7935 x 7935
731GA1	731	298	2110	7935 x 7935
731PA1	731	298	2150	7935 x 7935

One set in a box with screws. Front and Vestibule Door Sets one dozen in a case, others $2\frac{1}{2}$ dozen. For weights, see pages 19, 20. For Escutcheons with Turn Knobs prefix T to number; for Blank Escutcheons prefix B to number.

When ordering Escutcheons only, specify Lock with which they are to be used.

†Steel Lock.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Aero Design

(Symbol Aero)

Wrought Brass, Bronze or Steel



Bath and Communicating Door Sets—Wrought Brass or Bronze

Stock Finishes: 4, 9C, 11C, 14C and 24

Set Number	Lock	Page	Knobs	Escutcheons
223QY1	223	292	2955	B935 x T935
223GA1	223	292	2110	B935 x T935
223PA1	223	292	2150	B935 x T935
0223GA1*	223	292	2110	(One) T935
0223PA1*	223	292	2150	(One) T935

*Trim one side only.

Bath and Communicating Door Sets—Wrought Steel

221CY1	221	292	27955	B7935 x T7935
221GA1	221	292	2110	B7935 x T7935
221PA1	221	292	2150	B7935 x T7935

French Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	†Levers	Escutcheons
8555	355	301	2110	060	935 x 935
8558	358	301	2110	060	935 x 935
8855	355	301	2150	060	935 x 935
8858	358	301	2150	060	935 x 935

French Door Sets—Wrought Steel

87551	351	301	2110	7060	7935 x 7935
87554	354	301	2110	7060	7935 x 7935
87851	351	301	2150	7060	7935 x 7935
87854	354	301	2150	7060	7935 x 7935

One set in a box, with screws.

†Lever Handles, see page 214.

Bath Room Door Sets, 2½ dozen in a case. French Door Sets, three dozen. For weights, see pages 19, 20.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Antony Design

(Symbol Antony)

Wrought Brass, Bronze or Steel



Illustrations One-quarter Size

Stock Finishes: 9C, 09B, 11C, and 14C

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
2955	27955	2 x 2 in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
900		$8\frac{1}{8}$ x $2\frac{1}{4}$ in.	Door Knobs, Glass, see page 223.
T1940		6 x $1\frac{7}{8}$ in.	Escutcheon for Cylinder Locks, Outside, $5\frac{1}{2}$ in. and larger.
940	7940	6 x $1\frac{7}{8}$ in.	Escutcheon for Cylinder Locks, Inside: Turn No. 067: Spaced for 11213, 11224 and 11248 Locks.
935	7935	6 x $1\frac{7}{8}$ in.	Escutcheons for Mortise Locks, 4, $4\frac{1}{4}$, and $4\frac{1}{2}$ in.
			Escutcheons for Mortise Locks, $3\frac{1}{2}$ in.

Front and Vestibule Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	Escutcheons
11248QY2	11248	269	2955	900 x T1940
11248 $\frac{1}{2}$ QY2	11248 $\frac{1}{2}$	269	2955	900 x B940
11456QY2*	11456	266	2955	900 x B940
0122QY4	0122	276	2955	940 x 940
0122 $\frac{1}{2}$ QY4	0122 $\frac{1}{2}$	276	2955	940 x B940

*Specify hand.

Inside Door Sets—Wrought Brass or Bronze

734QY1	734	298	2955	935 x 935
734GA1	734	298	2110	935 x 935
734PA1	734	298	2150	935 x 935
15631†	731	298	2110	935 x 935
15731†	731	298	2150	935 x 935

Bit-Key Front and Vestibule Door Sets—Wrought Steel

7122CY4	7122	276	27955	7940 x 7940
7122 $\frac{1}{2}$ CY4	7122 $\frac{1}{2}$	276	27955	7940 x B7940

Inside Door Sets—Wrought Steel

731CY1	731	298	27955	7935 x 7935
731GA1	731	298	2110	7935 x 7935
731PA1	731	298	2150	7935 x 7935

One set in a box, with screws.

For weights, see pages 19, 20.

†Steel Lock. Front and Vestibule Door Sets, one dozen in a case; others $2\frac{1}{2}$ dozen.

For Escutcheons with Turn Knobs prefix T to number; for Blank Escutcheons prefix B to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Antony Design

[Symbol Antony]

Wrought Brass, Bronze or Steel



Bath and Communicating Door Sets—Wrought Brass or Bronze

Stock Finishes: 4, 9C, 09B, 11C, and 14C

Set Number	Lock	Page	Knobs	Escutcheons
223QY1	223	292	2955	B935 x T935
223GA1	223	292	2110	B935 x T935
223PA1	223	292	2150	B935 x T935
0223GA1 *	223	292	2110	(One) T935
0223PA1 *	223	292	2150	(One) T935

*Trim one side only.

Bath and Communicating Door Sets—Wrought Steel

221CY1	221	292	27955	B7935 x T7935
221GA1	221	292	2110	B7935 x T7935
221PA1	221	292	2150	B7935 x T7935

French Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	†Levers	Escutcheons
3555	355	301	2110	060	935 x 935
3558	358	301	2110	060	935 x 935
3855	355	301	2150	060	935 x 935
3858	358	301	2150	060	935 x 935

French Door Sets—Wrought Steel

37551	351	301	2110	7060	7935 x 7935
37554	354	301	2110	7060	7935 x 7935
37851	351	301	2150	7060	7935 x 7935
37854	354	301	2150	7060	7935 x 7935

One set in a box with screws.

† Lever Handles, see page 214.

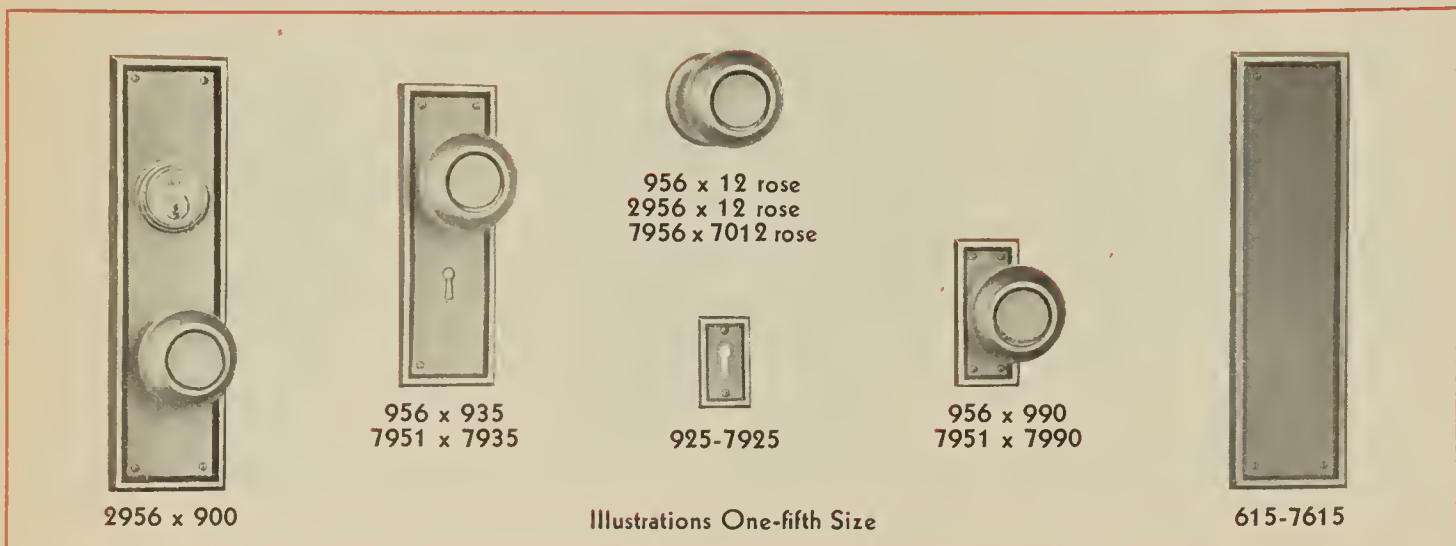
Bath Room Door Sets, five dozen in a case. French Door Sets, three dozen. For weights, see pages 19, 20.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Beacon Design

[Symbol Bea.]

Wrought Brass, Bronze or Steel

Stock Finishes: 7 $\frac{1}{2}$, 9C, and 09B

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
	7951	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Plain Shank, $\frac{5}{16}$ in. Spindle No. 10.
956†	7956†	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Plain Shank, $\frac{5}{16}$ in. Spindle No. 10.
2956†		2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
2957*		2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
3957*		2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Screwless Shank, $\frac{5}{16}$ in. Spindle No. 30.
			Door Knob Roses, Round, see page 227.
900		10 x 2 $\frac{3}{4}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
906 $\frac{1}{2}$	7906 $\frac{1}{2}$	10 x 2 $\frac{3}{4}$ in.	Escutcheon for Bit-Key Locks, No. 0122, etc.
B901		7 x 2 $\frac{3}{8}$ in.	Escutcheon for Cylinder Locks, Inside, Blank.
T901		7 x 2 $\frac{3}{8}$ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067.
T1901		7 x 2 $\frac{3}{8}$ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067, Spaced for 11213, 11224 and 11248 Locks.
940	7940	7 x 2 $\frac{3}{8}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
935	7935	7 x 2 $\frac{3}{8}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
990	7990	3 $\frac{3}{8}$ x 1 $\frac{1}{2}$ in.	Escutcheon for Latches.
925	7925	2 $\frac{1}{8}$ x 1 $\frac{1}{4}$ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920		2 $\frac{1}{8}$ x 1 $\frac{1}{4}$ in.	Turn Knobs, $\frac{3}{16}$ in. Spindle.
601		3 $\frac{3}{8}$ x 1 $\frac{1}{2}$ in.	Push Button, Midget.
615	7615	10 x 2 $\frac{3}{4}$ in.	Push Plate.
625		10 x 2 $\frac{3}{4}$ in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
	7625	10 x 2 $\frac{3}{4}$ in.	Door Pull, with Grip No. 7073 (For other Grips, see pages 486 to 489).

† One-piece Knobs.

Bell Turn Handles, see page 366.

For Dummy Cylinders, prefix "D."

* Cast Shank.

Sash Lifts, see page 516.

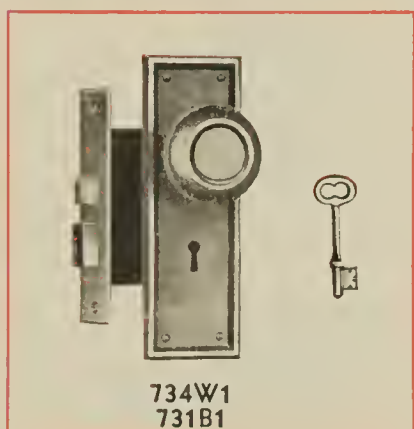
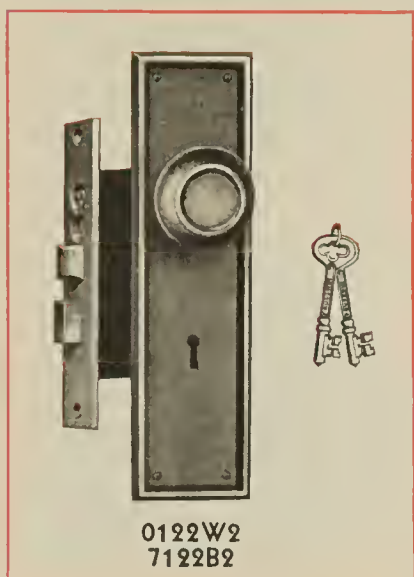
For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Beacon Design

[Symbol Bea.]



Illustrations One-fifth Size

Wrought Brass or Bronze Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
11248WY2	11248	269	2956	900 x T1901
11248½WY2	11248½	269	2956	900 x B901
0122W2	0122	276	956	906½ x 940
0122½W4	0122½	276	956	940 x B940

Inside Door Sets

734W1	734	298	956	935 x 935
01041W10	01041	312	956	990 x 990

Substituting Simplex Knob No. 2956, change letter from W to WY.

Wrought Steel Front and Vestibule Door Sets

7122B2	7122	276	7951	7906½ x 7940
7122½B4	7122½	276	7951	7940 x B7940

Substituting Knob No. 7956, change letter from B to D.

Inside Door Sets

731D1	731	298	7956	7935 x 7935
731B1	731	298	7951	7935 x 7935
01030D10	01030	312	7956	7990 x 7990
01030B10	01030	312	7951	7990 x 7990

One set in a box, with screws.

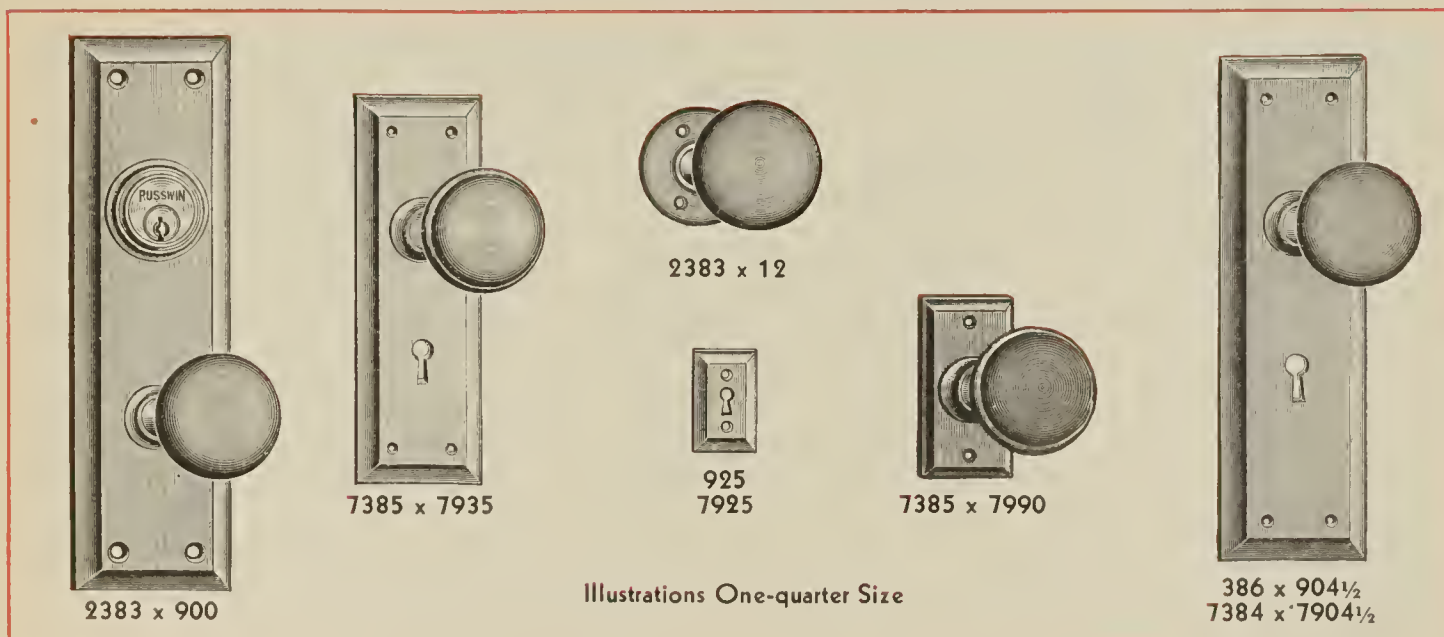
Cylinder Sets, one dozen in a case; Bit-Key Front and Vestibule Door Sets, three dozen; others five dozen. For weights, see pages 19, 20.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Berkeley Design

[Symbol Berk.]

Wrought Brass, Bronze or Steel



Stock Finishes: 4, 7½, 9, 09B, 09C, 10, 11, 11C, 14, 46, and 47

Finish 46 Furnished on Steel Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
900		10 x 2¾ in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
904½	7904½	10 x 2¾ in.	Escutcheon for Bit-Key Locks, No. 0122, etc.
901		9 x 2½ in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
905½	7905½	9 x 2½ in.	Escutcheon for Bit-Key Locks, No. 0122, etc.
B902		7 x 2¼ in.	Escutcheon for Cylinder Locks, Inside, Blank.
T902		7 x 2¼ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067.
T1902		7 x 2¼ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067, Spaced for 11213, 11224, 11248 Locks.
940	7940	7 x 2¼ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
935	7935	7 x 2¼ in.	Escutcheon for Mortise Locks, 3½ in.
970	7970	7 x 2¼ in.	Escutcheon for Mortise Locks, Sliding Door.
938	7938	5 x 1 in.	Escutcheon for Mortise Locks, Narrow.
990	7990	3¼ x 1¾ in.	Escutcheon for Latches.
925	7925	1¾ x 1⅛ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920		1¾ x 1⅛ in.	Turn Knobs, ⅜ in. Spindle.

Bell Turn Handles, see page 366.

Push Buttons, see pages 366, 367.

For Knobs illustrated and others appropriate for use with this design, see page 221.

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Door Pulls, see page 527.

Push Plates, see page 525.

Letter Box Plates, see pages 521 to 523.

Sash Lifts, see pages 513 to 516.

For Dummy Cylinders, prefix "D."

Berkeley Design

[Symbol Berk.]

Wrought Brass or Bronze

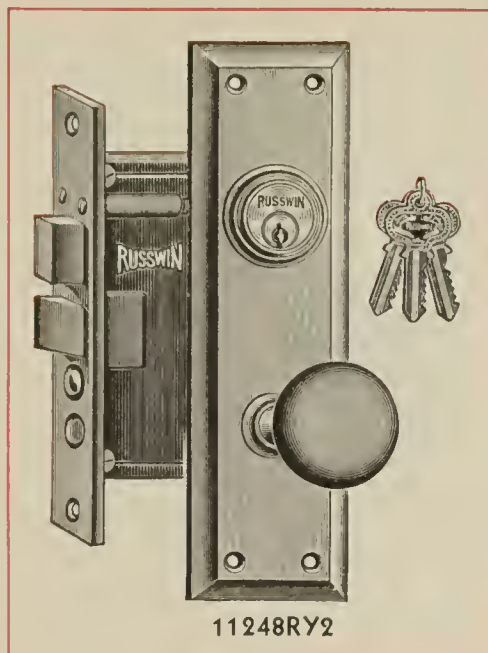
Cylinder Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
11248RY2	11248	269	2383	900 x T1902
11248RY4	11248	269	2383	901 x T1902
11248RY5	11248	269	2383	901xR12x066½
11248½RY2	11248½	269	2383	901 x B902
11248½RY4	11248½	269	2383	901 x B902
11248½RY5	11248½	269	2383	901 x R12

Office Door Sets

1238½MRY8	1238½M	267	2383	901 x B901
1239½MRY8*	1239½M	268	2383	901 x B901
11456MRY8*	11456M	268	2383	901 x B901

* Specify hand.



Bit-Key Front and Vestibule Door Sets

0122S6	0122	276	386	904½ x 940
0122S2	0122	276	386	905½ x 940
0122½S4	0122½	276	386	940 x B940

Inside Door Sets

734S1	734	298	386	935 x 935
01041S10	01041	312	386	990 x 990

School House (Class Room) Door Sets

00125S2	00125	307	386	940 x 940
444¾S2	444¾	307	386	940 x 940

Wrought Steel

Bit-Key Front and Vestibule Door Sets

7122E6	7122	276	7385	7904½ x 7940
7122E2	7122	276	7385	7905½ x 7940
7122½E4	7122½	276	7385	7940 x B7940

Inside Door Sets

731E1	731	298	7385	7935 x 7935
731F1	731	298	7384	7935 x 7935
01030E10	01030	312	7385	7990 x 7990
01030F10	01030	312	7384	7990 x 7990

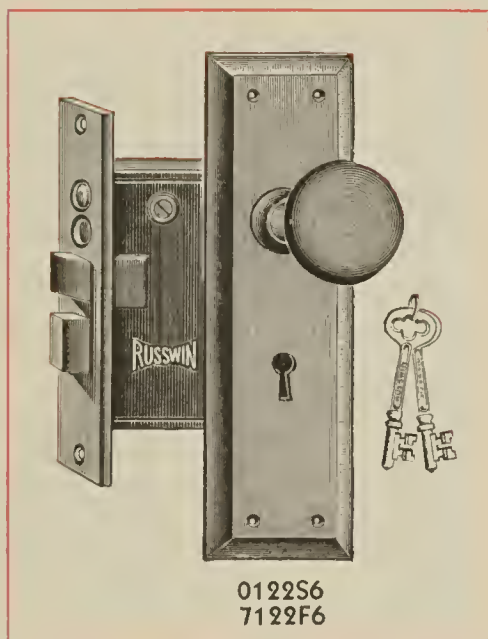
Entrance Handle Sets, see pages 204, 206.

One set in a box, with screws.

For weights, see pages 19, 20.

Cylinder Sets, one dozen in a case; Bit-Key Front and Vestibule Door Sets, three dozen; others five dozen.

For Types of Knob Shanks and Spindles, see pages 216, 217.



Illustrations One-quarter Size

Cleo Design

[Symbol Cleo]

Wrought Brass, Bronze or Steel



Stock Finishes: 4, 9C, 09B, 11C, and 14C

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
2955	27955	2 x 2 in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
900		$8\frac{1}{8} \times 2\frac{1}{2}$ in.	Door Knobs, Glass, see page 222.
T1940		$6\frac{1}{2} \times 2\frac{1}{8}$ in.	Escutcheons for Cylinder Locks, Outside, $5\frac{1}{2}$ in. and larger.
			Escutcheons for Cylinder Locks, Inside, Turn No. 067, Spaced for 11213, 11224 and 11248 Locks.
940	7940	$6\frac{1}{2} \times 2\frac{1}{8}$ in.	Escutcheons for Mortise Locks, 4, $4\frac{1}{4}$ and $4\frac{1}{2}$ in.
935	7935	$6\frac{1}{2} \times 2\frac{1}{8}$ in.	Escutcheons for Mortise Locks, $3\frac{1}{2}$ in.

Front and Vestibule Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	Escutcheons
11248QY2	11248	269	2955	900 x T1940
11248 $\frac{1}{2}$ QY2	11248 $\frac{1}{2}$	269	2955	900 x B940
11456QY2*	11456	266	2955	900 x B940
0122QY4	0122	276	2955	940 x 940
0122 $\frac{1}{2}$ QY4	0122 $\frac{1}{2}$	276	2955	940 x B940

*Specify hand.

Inside Door Sets—Wrought Brass or Bronze

734QY1	734	298	2955	935 x 935
734JY1	734	298	2136	935 x 935
734VY1	734	298	2112	935 x 935
734ZY1	734	298	2152	935 x 935

Bit-Key Front and Vestibule Door Sets—Wrought Steel

7122CY4	7122	276	27955	7940 x 7940
7122 $\frac{1}{2}$ CY4	7122 $\frac{1}{2}$	276	27955	7940 x B7940

Inside Door Sets—Wrought Steel

731CY1	731	298	27955	7935 x 7935
731JY1	731	298	2136	7935 x 7935
731VY1	731	298	2112	7935 x 7935
731ZY1	731	298	2152	7935 x 7935

One set in a box, with screws.

Cylinder Sets, one dozen in a case; Bit-Key Front and Vestibule Door Sets, three dozen; others five dozens.

For weights, see pages 19, 20.

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

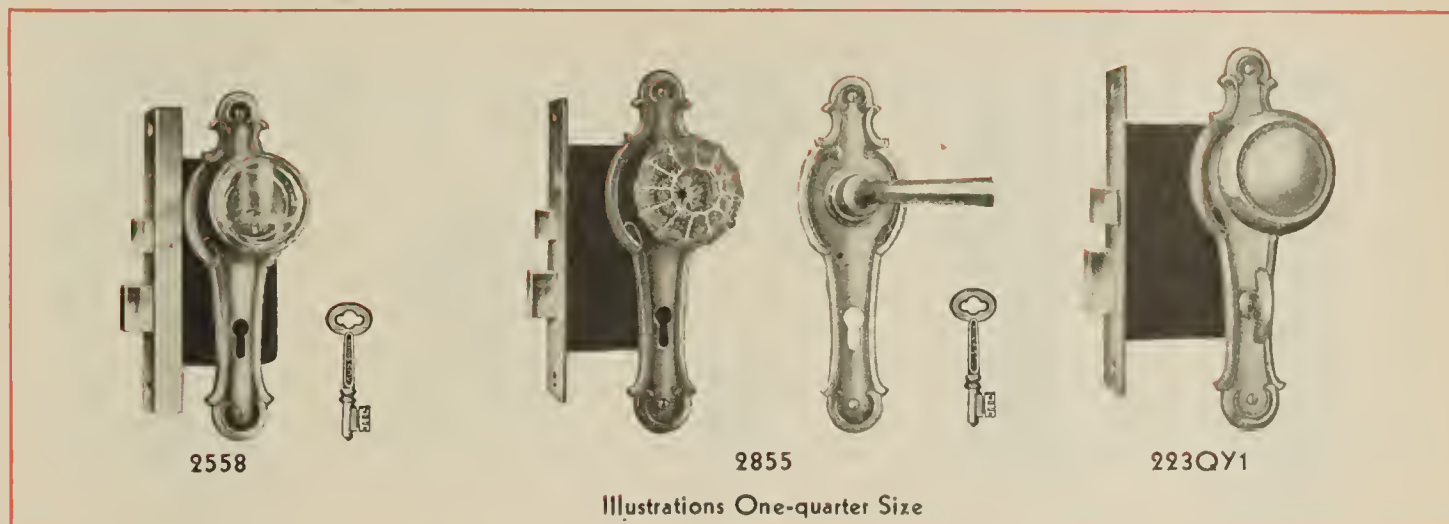
When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Cleo Design

[Symbol Cleo]

Wrought Brass, Bronze or Steel



Bath and Communicating Door Sets—Wrought Brass or Bronze

Stock Finishes: 4, 9, 09C, 11, and 11C

Set Number	Lock	Page	Knobs	Escutcheons
223QY1	223	292	2955	935 x T935
223JY1	223	292	2136	935 x T935
223VY1	223	292	2112	935 x T935
223ZY1	223	292	2152	935 x T935
0223JY1*	223	292	2136	(One) T935
0223VY1*	223	292	2112	(One) T935
0223ZY1*	223	292	2152	(One) T935

* Trim one side only.

Bath and Communicating Door Sets—Wrought Steel

221CY1	221	292	27955	7935 x T7935
221JY1	221	292	2136	7935 x T7935
221VY1	221	292	2112	7935 x T7935
221ZY1	221	292	2152	7935 x T7935
0221ZY1	221	292	2152	(One) T7935

French Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	†Levers	Escutcheons
2155	355	301	2136 ³ / ₄	060	935 x 935
2158	358	301	2136 ³ / ₄	060	935 x 935
2555	355	301	2112 ³ / ₄	060	935 x 935
2558	358	301	2112 ³ / ₄	060	935 x 935
2855	355	301	2152 ³ / ₄	060	935 x 935
2858	358	301	2152 ³ / ₄	060	935 x 935

French Door Sets—Wrought Steel

27151	351	301	2136 ³ / ₄	7060	7935 x 7935
27154	354	301	2136 ³ / ₄	7060	7935 x 7935
27551	351	301	2112 ³ / ₄	7060	7935 x 7935
27554	354	301	2112 ³ / ₄	7060	7935 x 7935
27851	351	301	2152 ³ / ₄	7060	7935 x 7935
27854	354	301	2152 ³ / ₄	7060	7935 x 7935

One set in a box, with screws.

† Lever Handles, see page 214.

Bath Room Door Sets, five dozen in a case. French Door Sets, three dozen. For weights, see pages 19, 20.

For Types of Knob Shanks and Spindles, see pages 216, 217.

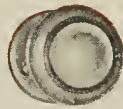
Clyde Design

[Symbol Cly.]

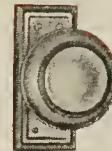
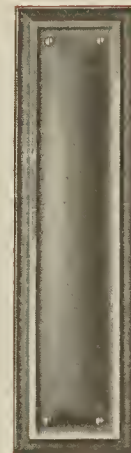
Wrought Brass, Bronze or Steel



2956 x 900

956 x 935
7951 x 7935956 x 12 rose
2956 x 12 rose
7956 x 7012 rose

925-7925

956 x 990
7951 x 7990

615-7615

Illustrations One-fifth Size

Stock Finishes: 7½, 9C, and 09B

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
	7951	2¼ x 2¼ in.	Door Knobs, Plain Shank, ⅝ in. Spindle No. 10.
956†	7956†	2¼ x 2¼ in.	Door Knobs, Plain Shank, ⅝ in. Spindle No. 10.
2956†		2¼ x 2¼ in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
2957‡		2¼ x 2¼ in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
3957‡		2¼ x 2¼ in.	Door Knobs, Screwless Shank, ⅝ in. Spindle No. 30.
			Knob Roses, Round, see page 227.
900		10 x 2¾ in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
906½	7906½	10 x 2¾ in.	Escutcheon for Bit-Key Locks, No. 0122, etc.
B901		7 x 2¼ in.	Escutcheon for Cylinder Locks, Inside, Blank.
T901		7 x 2¼ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067.
T1901		7 x 2¼ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067, Spaced for 11213, 11224 and 11248 Locks.
940	7940	7 x 2¼ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
935	7935	7 x 2¼ in.	Escutcheon for Mortise Locks, 3½ in.
990	7990	3⅜ x 1½ in.	Escutcheon for Latches.
925	7925	2¼ x 1¼ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920		2¼ x 1¼ in.	Turn Knobs, ⅝ in. Spindle.
454	7454	1½ x 3⅜ in.	Sash Lift, Flush.
601		3⅜ x 1½ in.	Push Button, Midget.
615	7615	10 x 2¾ in.	Push Plate.
625		10 x 2¾ in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
	7625	10 x 2¾ in.	Door Pull, with Grip No. 7073 (For other Grips, see pages 486 to 489).

†One-piece Knob.

For Dummy Cylinders, prefix "D."

‡ Cast Shank.

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

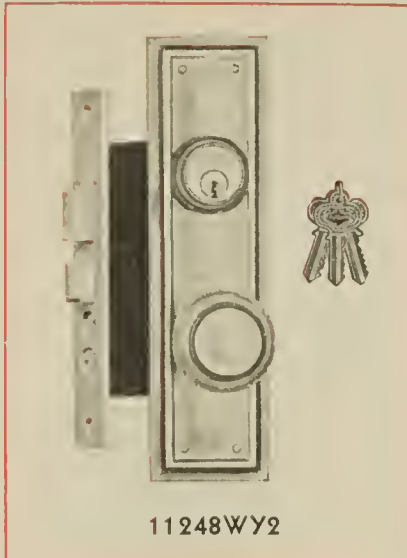
For Types of Knob Shanks and Spindles, see pages 216, 217.

Clyde Design

[Symbol Cly.]

Wrought Brass or Bronze Front and Vestibule Door Sets

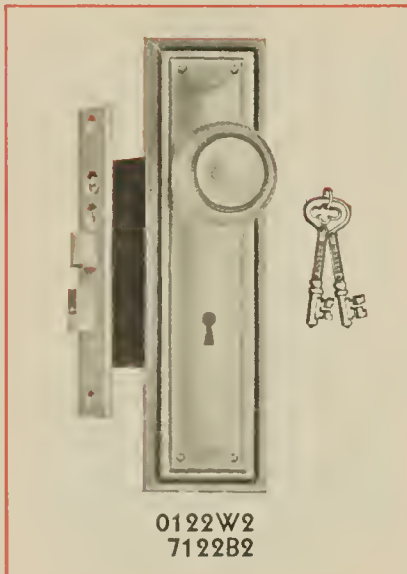
Set Number	Lock	Page	Knobs	Escutcheons
11248WY2	11248	269	2956	900 x T1901
11248½WY2	11248½	269	2956	900 x B901
0122W2	0122	276	956	906½ x 940
0122½W4	0122½	276	956	940 x B940



Inside Door Sets

734W1	734	298	956	935 x 935
734W20	734	298	956xR12	925 x 925
01041W10	01041	312	956	990 x 990

Substituting Simplex Knob No. 2956, change letter from W to WY.



Wrought Steel Front and Vestibule Door Sets

7122B2	7122	276	7951	7906½ x 7940
7122½B4	7122½	276	7951	7940 x B7940

Substituting Knob No. 7956, change letter from B to D.



Inside Door Sets

731D1	731	298	7956	7935 x 7935
731B1	731	298	7951	7935 x 7935
01030D10	01030	312	7956	7990 x 7990
01030B10	01030	312	7951	7990 x 7990



One set in a box, with screws.

Cylinder Sets, one dozen in a case; Bit-Key Front and Vestibule Door Sets, three dozen; others five dozen. For weights, see pages 19, 20.

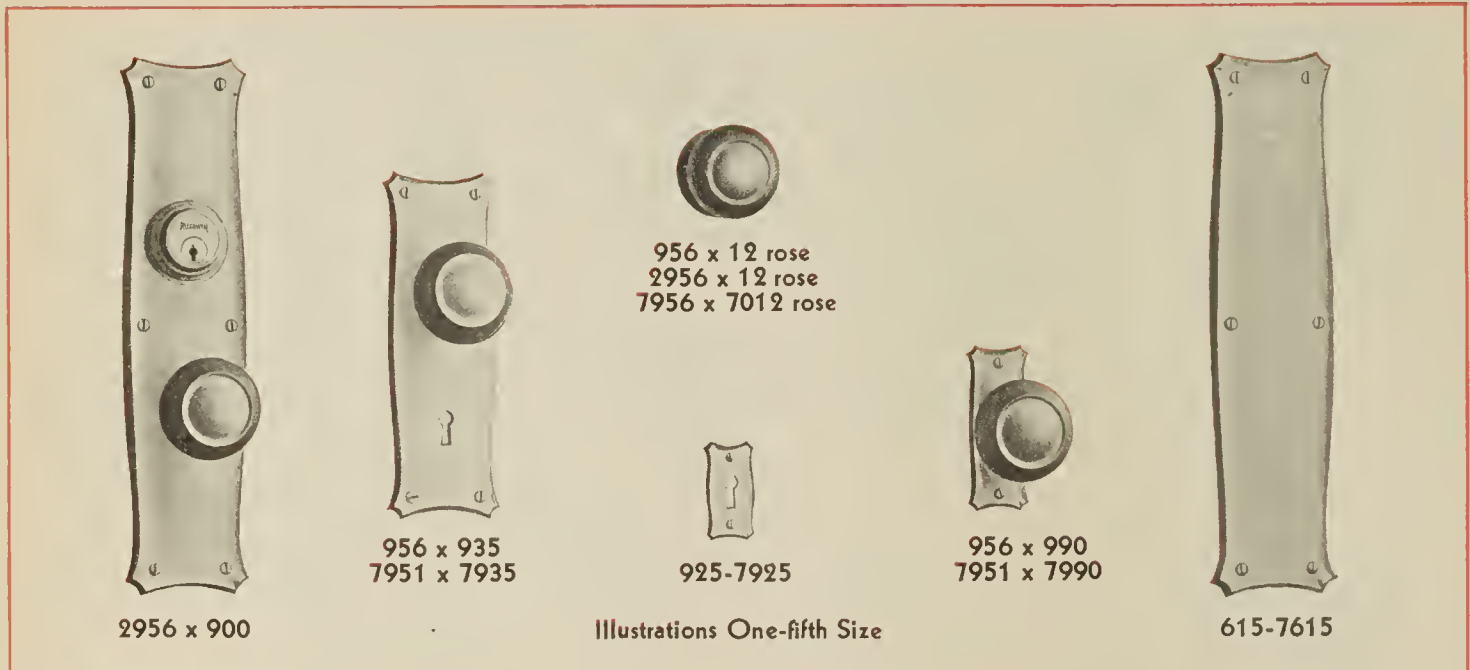
For Types of Knob Shanks and Spindles, see pages 216, 217.

Illustrations One-fifth Size

Dorset Design

[Symbol Dor.]

Wrought Brass, Bronze or Steel



Stock Finishes: 7½, 9, and 09B

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
	7951	2¼ x 2¼ in.	Door Knobs, Plain Shank, ⅝ in. Spindle No. 10.
956†	7956†	2¼ x 2¼ in.	Door Knobs, Plain Shank, ⅝ in. Spindle No. 10.
2956†		2¼ x 2¼ in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
			Door Knob Roses, Round, see page 227.
900		12 x 3 in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
905½	7905½	12 x 3 in.	Escutcheon for Bit-Key Locks, No. 0122, etc.
B901		7¾ x 2½ in.	Escutcheon for Cylinder Locks, Inside, Blank.
T901		7¾ x 2½ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067.
T1901		7¾ x 2½ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067; Spaced for 11213, 11224 and 11248 Locks.
940	7940	7¾ x 2½ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
935	7935	7¾ x 2½ in.	Escutcheon for Mortise Locks, 3½ in.
990	7990	3¾ x 1½ in.	Escutcheon for Latches.
925	7925	2⅛ x 1 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920		2⅛ x 1 in.	Turn Knobs, ⅝ in. Spindle.
454	7454	1½ x 3¾ in.	Sash Lift, Flush.
601		3¾ x 1½ in.	Push Button, Midget.
615	7615	12 x 3 in.	Push Plate.
625		12 x 3 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
	7625	12 x 3 in.	Door Pull, with Grip No. 7073 (For other Grips, see pages 486 to 489).

† One-piece Knobs.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

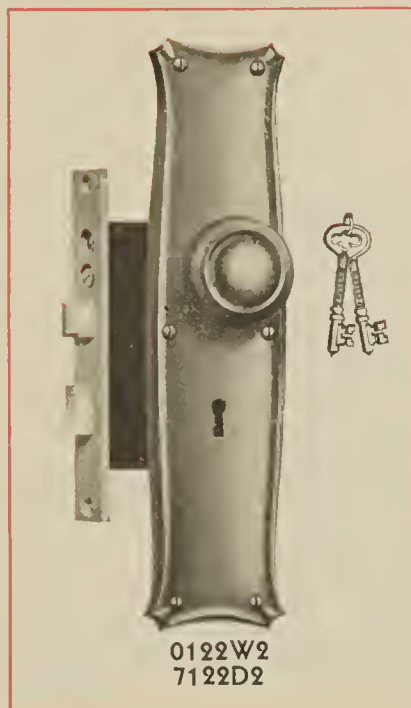
Dorset Design

[Symbol Dor.]



Wrought Brass or Bronze Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
11248WY2	11248	269	2956	900 x T1901
11248½WY2	11248½	269	2956	900 x B901
0122W2	0122	276	956	905½ x 940
0122½W4	0122½	276	956	940 x B940



Inside Door Sets

734W1	734	298	956	935 x 935
734W20	734	298	956 x R12	925 x 925
01041W10	734	298	956	990 x 990

* Substituting Simplex Knob No. 2956, change letter from W to WY.

Wrought Steel Front and Vestibule Door Sets

7122D2	7122	276	7956	7905½ x 7940
7122½D4	7122½	276	7956	7940 x B7904

Substituting Knob No. 7951, change letter from D to B.



Inside Door Sets

731D1	731	298	7956	7935 x 7935
731B1	731	298	7951	7935 x 7935
01030D10	01030	312	7956	7990 x 7990
01030B10	01030	312	7951	7990 x 7990

One set in a box, with screws.

Cylinder Sets, one dozen in a case; Bit-Key Front and Vestibule Door Sets, three dozen; others five dozen. For Weights, see pages 19, 20.

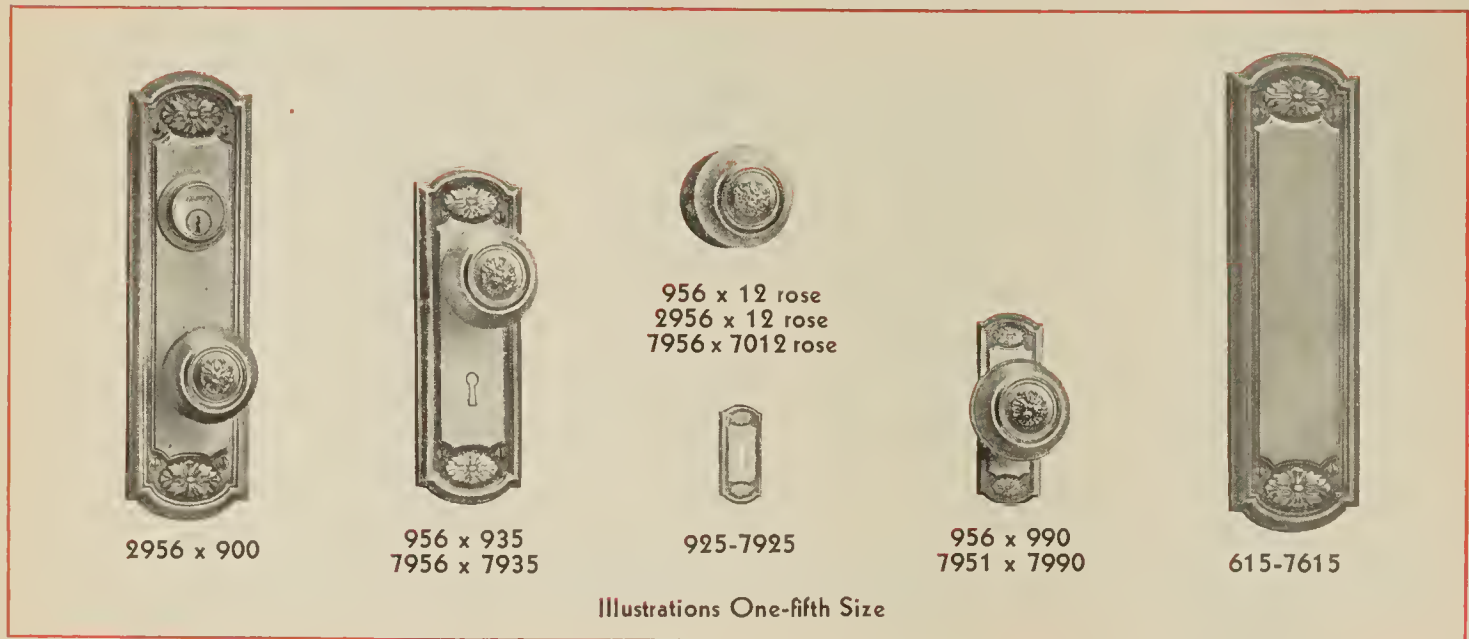
For Types of Knob Shanks and Spindles, see pages 216, 217.

Illustrations One-fifth Size

Essington Design

[Symbol Ess.]

Wrought Brass, Bronze or Steel



Stock Finishes: 7½, 9C, and 09B

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
	7951	2¼ x 2¼ in.	Door Knobs, Plain Shank, ⅝ in. Spindle No. 10.
956†	7956†	2¼ x 2¼ in.	Door Knobs, Plain Shank, ⅝ in. Spindle No. 10.
2956†		2¼ x 2¼ in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
			Door Knob Roses, Round, see page 227.
900		10½ x 3 in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
906½	7906½	10½ x 3 in.	Escutcheon for Bit-Key Locks, No. 0122, etc.
B901		7½ x 2½ in.	Escutcheon for Cylinder Locks, Inside, Blank.
T901		7½ x 2½ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067.
T1901		7½ x 2½ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067, Spaced for 11213, 11224 and 11248 Locks.
940	7940	7½ x 2½ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
935	7935	7½ x 2½ in.	Escutcheon for Mortise Locks, 3½ in.
990	7990	4½ x 1½ in.	Escutcheon for Latches.
925	7925	2¼ x 1 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920		2¼ x 1 in.	Turn Knobs, ⅝ in. Spindle.
601		4½ x 1½ in.	Push Button, Midget.
615	7615	10½ x 3 in.	Push Plate.
625		10½ x 3 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
	7625	10½ x 3 in.	Door Pull, with Grip No. 7073 (For other Grips, see pages 486 to 489).

† One-piece Knobs.

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For types of Knob Shanks and Spindles, see pages 216, 217.

For Dummy Cylinders, prefix "D."

Essington Design

(Symbol Ess.)

This Design Cancelled

Havre Design

(Symbol Havre)

Wrought Brass, Bronze or Steel



0122QY4



11248QY2



734PA1

Illustrations One-quarter Size

Stock Finishes: 9C, 09B, 11C, and 14C

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
2955	27955	2 x 2 in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
900		9 x $2\frac{3}{8}$ in.	Door Knobs, Glass, see page 223.
T1940		$6\frac{1}{2}$ x $1\frac{3}{4}$ in.	Escutcheon for Cylinder Locks, Outside, $5\frac{1}{2}$ in. and larger.
			Escutcheon for Cylinder Locks, Inside, Turn No. 067: Spaced for 11213, 11224 and 11248 Locks.
940	7940	$6\frac{1}{2}$ x $1\frac{3}{4}$ in.	Escutcheons for Mortise Locks, 4, $4\frac{1}{4}$, and $4\frac{1}{2}$ in.
935	7935	$6\frac{1}{2}$ x $1\frac{3}{4}$ in.	Escutcheons for Mortise Locks, $3\frac{1}{2}$ in.

Front and Vestibule Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	Escutcheons
11248QY2	11248	269	2955	900 x T1940
11248 $\frac{1}{2}$ QY2	11248 $\frac{1}{2}$	269	2955	900 x B940
11456QY2*	11456	266	2955	900 x B940
0122QY4	0122	276	2955	940 x 940
0122 $\frac{1}{2}$ QY4	0122 $\frac{1}{2}$	276	2955	940 x B940

*Specify hand.

Inside Door Sets—Wrought Brass or Bronze

734QY1	734	298	2955	935 x 935
734GA1	734	298	2110	935 x 935
734PA1	734	298	2150	935 x 935

Bit-Key Front and Vestibule Door Sets—Wrought Steel

7122CY4	7122	276	27955	7940 x 7940
7122 $\frac{1}{2}$ CY4	7122 $\frac{1}{2}$	276	27955	7940 x B7940

Inside Door Sets—Wrought Steel

731CY1	731	298	27955	7935 x 7935
731GA1	731	298	2110	7935 x 7935
731PA1	731	298	2150	7935 x 7935

One set in a box with screws. Front and Vestibule Door Sets one dozen in a case; others $2\frac{1}{2}$ dozen. For weights, see pages 19, 20.

For Escutcheons with Turn Knobs prefix T to number; for Blank Escutcheons prefix B to number.

When ordering Escutcheons only, specify Lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

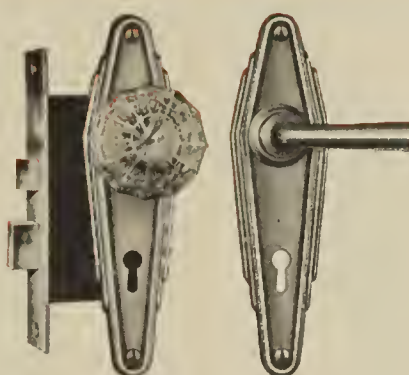
Havre Design

(Symbol Havre)

Wrought Brass, Bronze or Steel



8558



8855



223QY1

Illustrations One-quarter Size

Bath and Communicating Door Sets—Wrought Brass or Bronze

Stock Finishes: 4, 9C, 09B, 11C, and 14C

Set Number	Lock	Page	Knobs	Escutcheons
223QY1	223	292	2955	B935 x T935
223GA1	223	292	2110	B935 x T935
223PA1	223	292	2150	B935 x T935
0223GA1*	223	292	2110	(One) T935
0223PA1*	223	292	2150	(One) T935

*Trim one side only.

Bath and Communicating Door Sets—Wrought Steel

221CY1	221	292	27955	B7935 x T7935
221GA1	221	292	2110	B7935 x T7935
221PA1	221	292	2150	B7935 x T7935

French Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	†Levers	Escutcheons
8555	355	301	2110	060	935 x 935
8558	358	301	2110	060	935 x 935
8855	355	301	2150	060	935 x 935
8858	358	301	2150	060	935 x 935

French Door Sets—Wrought Steel

87551	351	301	2110	7060	7935 x 7935
87554	354	301	2110	7060	7935 x 7935
87851	351	301	2150	7060	7935 x 7935
87854	354	301	2150	7060	7935 x 7935

One set in a box, with screws.

†Lever Handles, see page 214.

Bath Room Door Sets, 2½ dozen in a case. French Door Sets, three dozen. For weights, see pages 19, 20.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Hull Design

(Symbol Hull)

Wrought Brass, Bronze or Steel



2362 x 900

2362 x 935
27362 x 79352110 x 935
2110 x 79352362 x 906½
2362 x 7906½

Illustrations One-fifth Size

Stock Finishes: 9C, 11D, and 14C

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
2362	27362	2 x 2 in.	Door Knobs, Simplex Shank, 5/16 in. Spindle No. 20. Door Knob Roses, Round, see page 227.
900		9 1/2 x 2 7/16 in.	Escutcheon for Cylinder Locks, Outside, 5 1/2 in. and larger.
906½	7906½	9 1/2 x 2 7/16 in.	Escutcheon for Bit-Key Locks, No. 0122, etc.
B901		7 1/4 x 2 in.	Escutcheon for Cylinder Locks, Inside, Blank.
T901		7 1/4 x 2 in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067.
T1901		7 1/4 x 2 in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067, Spaced for 11213, 11224 and 11248 Locks.
940	7940	7 1/4 x 2 in.	Escutcheon for Mortise Locks, 4, 4 1/4 and 4 1/2 in.
935	7935	7 1/4 x 2 in.	Escutcheon for Mortise Locks, 3 1/2 in.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

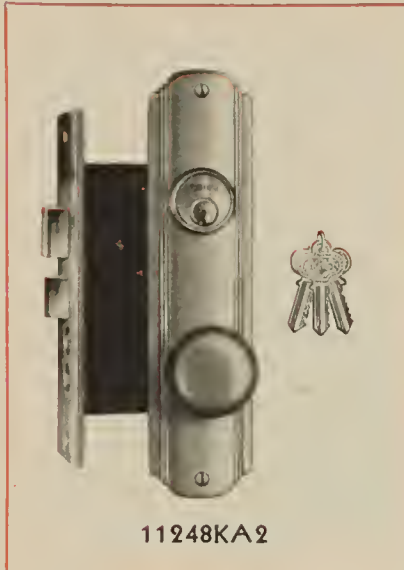
Hull Design

(Symbol Hull)

Wrought Brass or Bronze

Front and Vestibule Door Sets

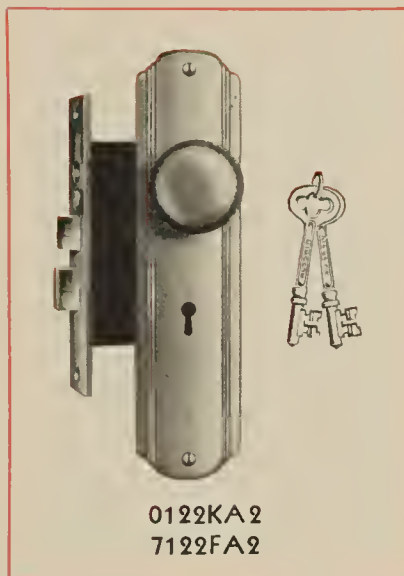
Set Number	Lock	Page	Knobs	Escutcheons
11248KA2	11248	269	2362	900 x T1901
11248 1/2 KA2	11248 1/2	269	2362	900 x B901
0122KA2	0122	276	2362	906 1/2 x 940
0122 1/2 KA4	0122 1/2	276	2362	940 x B940



11248KA2

Inside Door Sets

734KA1	734	298	2362	935 x 935
734GA1	734	298	2110	935 x 935
01041KA1	01041	312	2362	B935 x B935
15631†	731	298	2110	935 x 935



0122KA2
7122FA2

Bath and Communicating Door Sets

223KA1	223	292	2362	B935 x T935
223GA1	223	292	2110	B935 x T935
0223GA1	223	292	2110	(One) T935

Wrought Steel

Front and Vestibule Door Sets

7122FA2	7122	276	27362	7906 1/2 x 7940
7122 1/2 FA4	7122 1/2	276	27362	7940 x B7940

Inside Door Sets

731FA1	731	298	27362	7935 x 7935
731GA1	731	298	2110	7935 x 7935
01030FA1	01030	312	27362	B7935 x B7935

Bath and Communicating Door Sets

221FA1	221	292	27362	7935 x T7935
221GA1	221	292	2110	7935 x T7935
0221GA1	221	292	2110	(One) T7935



734KA1
731FA1

One set in a box, with screws.

†Steel Lock.

For weights, see pages 19, 20.

Front and Vestibule Door Sets, one dozen in a case; others 2 1/2 dozen.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Illustrations One-fifth Size

Juno Design

(Symbol Juno)

Wrought Brass, Bronze or Steel



Illustrations One-quarter Size

Stock Finishes: 9C, 09B, 11C, and 14C

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
2955	27955	2 x 2 in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
900		$8\frac{1}{8} \times 2\frac{3}{8}$ in.	Door Knobs, Glass, see page 223.
T1940		$6\frac{1}{2} \times 2$ in.	Escutcheon for Cylinder Locks, Outside, $5\frac{1}{2}$ in. and larger.
			Escutcheon for Cylinder Locks, Inside, Turn No. 067: Spaced for 11213, 11224 and 11248 Locks.
940	7940	$6\frac{1}{2} \times 2$ in.	Escutcheons for Mortise Locks, 4, $4\frac{1}{4}$, and $4\frac{1}{2}$ in.
935	7935	$6\frac{1}{2} \times 2$ in.	Escutcheons for Mortise Locks, $3\frac{1}{2}$ in.

Front and Vestibule Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	Escutcheons
11248QY2	11248	269	2955	900 x T1940
11248 $\frac{1}{2}$ QY2	11248 $\frac{1}{2}$	269	2955	900 x B940
11456QY2*	11456	266	2955	900 x B940
0122QY4	0122	276	2955	940 x 940
0122 $\frac{1}{2}$ QY4	0122 $\frac{1}{2}$	276	2955	940 x B940

*Specify hand

Inside Door Sets—Wrought Brass or Bronze

734QY1	734	298	2955	935 x 935
734GA1	734	298	2110	935 x 935
734PA1	734	298	2150	935 x 935
15631†	731	298	2110	935 x 935
15731†	731	298	2150	935 x 935

Bit-Key Front Vestibule Door Sets—Wrought Steel

7122CY4	7122	276	27955	7940 x 7940
7122 $\frac{1}{2}$ CY4	7122 $\frac{1}{2}$	276	27955	7940 x B7940

Inside Door Sets—Wrought Steel

731CY1	731	298	27955	7935 x 7935
731GA1	731	298	2110	7935 x 7935
731PA1	731	298	2150	7935 x 7935

One set in a box with screws. Front and Vestibule Door Sets one dozen in a case; others $2\frac{1}{2}$ dozen. For weights, see pages 19, 20.

For Escutcheons with Turn Knobs prefix T to number, for Blank Escutcheons prefix B to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

†Steel Lock.

Juno Design

[Symbol Juno]

Wrought Brass, Bronze or Steel



Bath and Communicating Door Sets—Wrought Brass or Bronze

Stock Finishes: 4, 9C, 09B, 11C, and 14C

Set Number	Lock	Page	Knobs	Escutcheons
223QY1	223	292	2955	B935 x T935
223GA1	223	292	2110	B935 x T935
223PA1	223	292	2150	B935 x T935
0223GA1 *	223	292	2110	(One) T935
0223PA1 *	223	292	2150	(One) T935

*Trim one side only.

Bath and Communicating Door Sets—Wrought Steel

221CY1	221	292	27955	B7935 x T7935
221GA1	221	292	2110	B7935 x T7935
221PA1	221	292	2150	B7935 x T7935

French Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	†Levers	Escutcheons
5555	355	301	2110	060	935 x 935
5558	358	301	2110	060	935 x 935
5855	355	301	2150	060	935 x 935
5858	358	301	2150	060	935 x 935

French Door Sets—Wrought Steel

57551	351	301	2110	7060	7935 x 7935
57554	354	301	2110	7060	7935 x 7935
57851	351	301	2150	7060	7935 x 7935
57854	354	301	2150	7060	7935 x 7935

One set in a box with screws.

Bath Room Door Sets, five dozen in a case. French Door Sets, three dozen.

For Types of Knob Shanks and Spindles, see pages 216, 217

†Lever Handles, see page 214.

For Weights, see pages 19, 20.

Lynn Design

[Symbol Lynn]

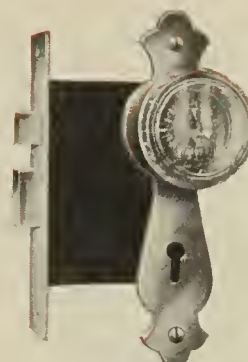
Wrought Brass, Bronze or Steel



734KY1-731FF1



834-7831



534-7531

Illustrations One-quarter Size

Stock Finishes: 4, 9, 09C, 10, 11, 11C, 14, 16½, 47
Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
2382		2 x 2 in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
	7382	2 x 2 in.	Door Knobs, Plain Shank, ⅝ in. Spindle No. 10.
		2 x 2 in.	Door Knobs, Glass, see page 222.
T1940		6⅜ x 2 in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067: Spaced for 11248, 11248½ Locks.
940	7940	6⅜ x 2 in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
935	7935	6⅜ x 2 in.	Escutcheon for Mortise Locks, 3½ in.

Bit-Key Front and Vestibule Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knob	Escutcheons
0122KY4	0122	276	2382	940 x 940
0122½KY4	0122½	276	2382	940 x B940

Inside Door Sets—Wrought Brass or Bronze

734KY1	734	298	2382	935 x 935
134	734	298	2136	935 x 935
534	734	298	2112	935 x 935
834	734	298	2152	935 x 935
5131	731	298	2136	935 x 935
5531	731	298	2112	935 x 935
5831	731	298	2152	935 x 935

Bit-Key Front and Vestibule Door Sets—Wrought Steel

7122FF4	7122	276	7382	7940 x 7940
7122½FF4	7122½	276	7382	7940 x B7940

Inside Door Sets—Wrought Steel

731FF1	731	298	7382	7935 x 7935
7131	731	298	2136	7935 x 7935
7531	731	298	2112	7935 x 7935
7831	731	298	2152	7935 x 7935

One set in a box, with screws.

For weights, see pages 19, 20.

Bit-Key Front and Vestibule Door Sets, three dozen in a case; others five dozen.

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Lynn Design

[Symbol Lynn]

Wrought Brass, Bronze or Steel



Bath and Communicating Door Sets—Wrought Brass or Bronze

Stock Finishes: 4, 9 and 14

Set Number	Lock	Page	Knobs	Escutcheons
223KY1	223	292	2382	935 x T935
123	223	292	2136	935 x T935
523	223	292	2112	935 x T935
823	223	292	2152	935 x T935
0123*	223	292	2136	(One) T935
0523*	223	292	2112	(One) T935
0823*	223	292	2152	(One) T935
0923*	223	292	2142½	(One) T935

* Trim one side only.

Bath and Communicating Door Sets—Wrought Steel

221FF1	221	292	7382	7935 x T7935
7121	221	292	2136	7935 x T7935
7521	221	292	2112	7935 x T7935
7821	221	292	2152	7935 x T7935

French Door Sets—Wrought Brass or Bronze

Stock Finishes: 4, 9, 09C, 10, 11, 11C, and 14

Set Number	Lock	Page	Knobs	†Levers	Escutcheons
155	355	301	2136¾	060	935 x 935
158	358	301	2136¾	060	935 x 935
555	355	301	2112¾	060	935 x 935
558	358	301	2112¾	060	935 x 935
855	355	301	2152¾	060	935 x 935
858	358	301	2152¾	060	935 x 935

French Door Sets—Wrought Steel

7151	351	301	2136¾	7060	7935 x 7935
7154	354	301	2136¾	7060	7935 x 7935
7551	351	301	2112¾	7060	7935 x 7935
7554	354	301	2112¾	7060	7935 x 7935
7851	351	301	2152¾	7060	7935 x 7935
7854	354	301	2152¾	7060	7935 x 7935

One set in a box, with screws.

Bath Room Door Sets, five dozen in a case. French Door Sets, three dozen.

For Types of Knob Shanks and Spindles, see pages 216, 217.

† Lever Handles, see page 214.

For weights, see pages 19, 20.

Nile Design

[Symbol Nile]

Wrought Brass, Bronze or Steel



Stock Finishes: 9C, 09B, 11C, and 14C

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
2955	27955	2 x 2 in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
900		$8\frac{1}{8} \times 2\frac{3}{4}$ in.	Door Knobs, Glass, see page 223.
T1940		$6\frac{1}{2} \times 2$ in.	Escutcheon for Cylinder Locks, Outside, $5\frac{1}{2}$ in. and larger.
			Escutcheon for Cylinder Locks, Inside, Turn No. 067: Spaced for 11213, 11224 and 11248 Locks.
940	7940	$6\frac{1}{2} \times 2$ in.	Escutcheons for Mortise Locks, 4, $4\frac{1}{4}$, and $4\frac{1}{2}$ in.
935	7935	$6\frac{1}{2} \times 2$ in.	Escutcheons for Mortise Locks, $3\frac{1}{2}$ in.

Front and Vestibule Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	Escutcheons
11248QY2	11248	269	2955	900 x T1940
11248 $\frac{1}{2}$ QY2	11248 $\frac{1}{2}$	269	2955	900 x B940
11456QY2*	11456	266	2955	900 x B940
0122QY4	0122	276	2955	940 x 940
0122 $\frac{1}{2}$ QY4	0122 $\frac{1}{2}$	276	2955	940 x B940

*Specify hand.

Inside Door Sets—Wrought Brass or Bronze

734QY1	734	298	2955	935 x 935
734GA1	734	298	2110	935 x 935
734PA1	734	298	2150	935 x 935

Bit-Key Front and Vestibule Door Sets—Wrought Steel

7122CY4	7122	276	27955	7940 x 7940
7122 $\frac{1}{2}$ CY4	7122 $\frac{1}{2}$	276	27955	7940 x B7940

Inside Door Sets—Wrought Steel

731CY1	731	298	27955	7935 x 7935
731GA1	731	298	2110	7935 x 7935
731PA1	731	298	2150	7935 x 7935

One set in a box with screws. Front and Vestibule Door Sets three dozen in a case; others five dozen. For weights, see pages 19, 20.

For Escutcheons with Turn Knobs prefix T to number; for Blank Escutcheons prefix B to number.

When ordering Escutcheons only, specify Lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Nile Design

[Symbol Nile]

Wrought Brass, Bronze or Steel



Bath and Communicating Door Sets—Wrought Brass or Bronze

Stock Finishes: 4, 9C, 09B, 11C, and 14C

Set Number	Lock	Page	Knobs	Escutcheons
223QY1	223	292	2955	B935 x T935
223GA1	223	292	2110	B935 x T935
223PA1	223	292	2150	B935 x T935
0223GA1*	223	292	2110	(One) T935
0223PA1*	223	292	2150	(One) T935

*Trim one side only.

Bath and Communicating Door Sets—Wrought Steel

221CY1	221	292	27955	B7935 x T7935
221GA1	221	292	2110	B7935 x T7935
221PA1	221	292	2150	B7935 x T7935

French Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	†Levers	Escutcheons
4555	355	301	2110	060	935 x 935
4558	358	301	2110	060	935 x 935
4855	355	301	2150	060	935 x 935
4858	358	301	2150	060	935 x 935

French Door Sets—Wrought Steel

47551	351	301	2110	7060	7935 x 7935
47554	354	301	2110	7060	7935 x 7935
47851	351	301	2150	7060	7935 x 7935
47854	354	301	2150	7060	7935 x 7935

One set in a box, with screws.

†Lever Handles, see page 214.

Bath Room Door Sets, five dozen in a case. French Door Sets, three dozen. For weights, see pages 19, 20.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Reco Design

[Symbol Reco]

Wrought Brass, Bronze or Steel



Illustrations One-quarter Size

Stock Finishes: 4, 9C, 09B, 10, 11C, 14C, 16½ and 47
Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
21155	72155	2 x 2 in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
900		8⅛ x 2¼ in.	Door Knobs, Glass, see page 222.
T1940		6 x 1⅞ in.	Escutcheons for Cylinder Locks, Outside, 5½ in. and larger.
			Escutcheons for Cylinder Locks, Inside, Turn No. 067; Spaced for 11213, 11224 and 11248 Locks.
940	7940	6 x 1⅞ in.	Escutcheons for Mortise Locks, 4, 4¼ and 4½ in.
935	7935	6 x 1⅞ in.	Escutcheons for Mortise Locks, 3½ in.

Front and Vestibule Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	Escutcheons
11248WY2	11248	269	21155	900 x T1940
11248½WY2	11248½	269	21155	900 x B940
11456WY2*	11456	266	21155	900 x B940
0122WY4	0122	276	21155	940 x 940
0122½WY4	0122½	276	21155	940 x B940

*Specify Hand.

Inside Door Sets—Wrought Brass or Bronze

734WY1	734	298	21155	935 x 935
1134	734	298	2136	935 x 935
1534	734	298	2112	935 x 935
1834	734	298	2152	935 x 935
15531	731	298	2112	935 x 935
15831	731	298	2152	935 x 935

Bit-Key Front and Vestibule Door Sets—Wrought Steel

7122DY4	7122	276	72155	7940 x 7940
7122½DY4	7122½	276	72155	7940 x B7940

Inside Door Sets—Wrought Steel

731DY1	731	298	72155	7935 x 7935
17131	731	298	2136	7935 x 7935
17531	731	298	2112	7935 x 7935
17831	731	298	2152	7935 x 7935

One set in a box, with screws.

For weights, see pages 19, 20.

Cylinder Sets, one dozen in a case; Bit-Key Front and Vestibule Door Sets, three dozen; others five dozen.

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Reco Design

[Symbol Reco]

Wrought Brass, Bronze or Steel



Illustrations One-quarter Size

Bath and Communicating Door Sets—Wrought Brass or Bronze

Stock Finishes: 4, 9C, 09B, 10, 11C, and 14C

Set Number	Lock	Page	Knobs	Escutcheons
223WY1	223	292	21155	935 x T935
1123	223	292	2136	935 x T935
1523	223	292	2112	935 x T935
1823	223	292	2152	935 x T935
01123*	223	292	2136	(One) T935
01523*	223	292	2112	(One) T935
01823*	223	292	2152	(One) T935

*Trim one side only.

Bath and Communicating Door Sets—Wrought Steel

221DY1	221	292	72155	7935 x T7935
17121	221	292	2136	7935 x T7935
17521	221	292	2112	7935 x T7935
17821	221	292	2152	7935 x T7935

French Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	†Levers	Escutcheons
1155	355	301	2136 ³ / ₄	060	935 x 935
1158	358	301	2136 ³ / ₄	060	935 x 935
1555	355	301	2112 ³ / ₄	060	935 x 935
1558	358	301	2112 ³ / ₄	060	935 x 935
1855	355	301	2152 ³ / ₄	060	935 x 935
1858	358	301	2152 ³ / ₄	060	935 x 935

French Door Sets—Wrought Steel

17151	351	301	2136 ³ / ₄	7060	7935 x 7935
17154	354	301	2136 ³ / ₄	7060	7935 x 7935
17551	351	301	2112 ³ / ₄	7060	7935 x 7935
17554	354	301	2112 ³ / ₄	7060	7935 x 7935
17851	351	301	2152 ³ / ₄	7060	7935 x 7935
17854	354	301	2152 ³ / ₄	7060	7935 x 7935

One set in a box, with screws.

†Levers Handles, see page 214.

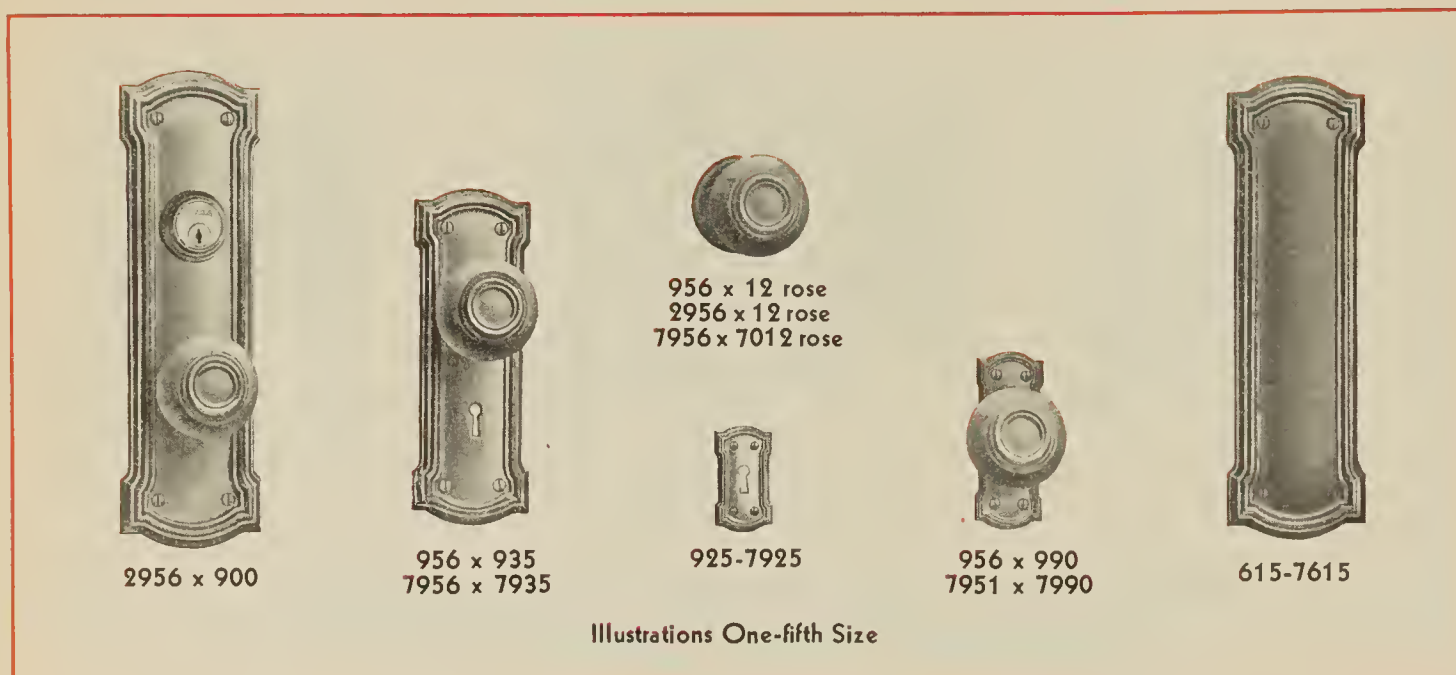
Bath Room Door Sets, five dozen in a case. French Door Sets, three dozen. For weights, see pages 19, 20.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Regent Design

[Symbol Reg.]

Wrought Brass, Bronze or Steel



Stock Finishes: 7½, 9C, and 09B

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
	7951	2¼ x 2¼ in.	Door Knobs, Plain Shank, ⅝ in. Spindle No. 10.
956†	7956†	2¼ x 2¼ in.	Door Knobs, Plain Shank, ⅝ in. Spindle No. 10.
2956†		2¼ x 2¼ in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
			Door Knob Roses, Round, see page 227.
900		10½ x 3¼ in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
906½	7906½	10½ x 3¼ in.	Escutcheon for Bit-Key Locks, No. 0122, etc.
B901		7½ x 2⅝ in.	Escutcheon for Cylinder Locks, Inside, Blank.
T901		7½ x 2⅝ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067.
T1901		7½ x 2⅝ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067, Spaced for 11213, 11224 and 11248 Locks.
940	7940	7½ x 2⅝ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
935	7935	7½ x 2⅝ in.	Escutcheon for Mortise Locks, 3½ in.
990	7990	4 x 1½ in.	Escutcheon for Latches.
925	7925	2¼ x 1¼ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920		2¼ x 1¼ in.	Turn Knobs, ⅝ in. Spindle.
454	7454	1½ x 4 in.	Sash Lift, Flush.
601		4 x 1½ in.	Push Button, Midget.
615	7615	10½ x 3¼ in.	Push Plate.
625		10½ x 3¼ in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
	7625	10½ x 3¼ in.	Door Pull, with Grip No. 7073 (For other Grips, see pages 486 to 489).

† One-piece Knobs.

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

For Dummy Cylinders, prefix "D."

Regent Design

[Symbol Reg.]

Wrought Brass or Bronze Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
11248WY2	11248	269	2956	900 x T1901
11248½WY2	11248½	269	2956	900 x B901
0122W2	0122	276	956	906½ x 940
0122½W4	0122½	276	956	940 x B940

Inside Door Sets

734W1	734	298	956	935 x 935
734W20	734	298	956 x R12	925 x 925
01041W10	01041	312	956	990 x 990

Substituting Simplex Knob No. 2956, change letter from W to WY.

Wrought Steel

Front and Vestibule Door Sets

7122D2	7122	276	7956	7906½ x 7940
7122½D4	7122½	276	7956	7940 x B7940

Substituting Knob No. 7951, change letter from D to B.

Inside Door Sets

731D1	731	298	7956	7935 x 7935
731B1	731	298	7951	7935 x 7935
01030D10	01030	312	7956	7990 x 7990
01030B10	01030	312	7951	7990 x 7990

Entrance Door Handles, see pages 205, 207.

One set in a box, with screws.

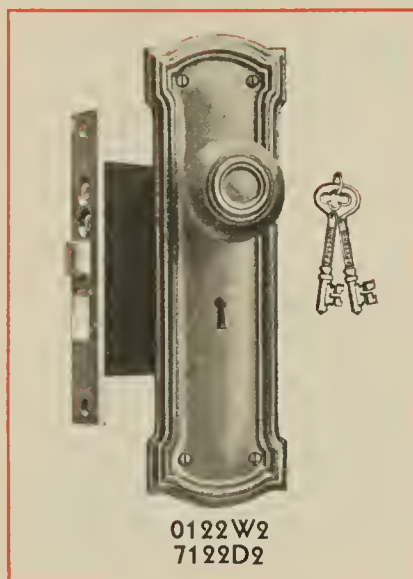
For weights, see pages 19, 20.

Cylinder Sets, one dozen in a case; Bit-Key Front and Vestibule Door Sets, three dozen; others five dozen.

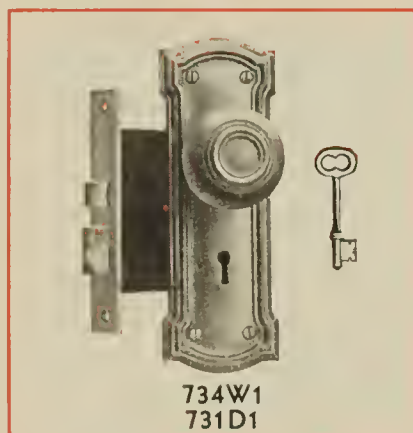
For Types of Knob Shanks and Spindles, see pages 216, 217.



11248WY2



0122W2
7122D2



734W1
731D1



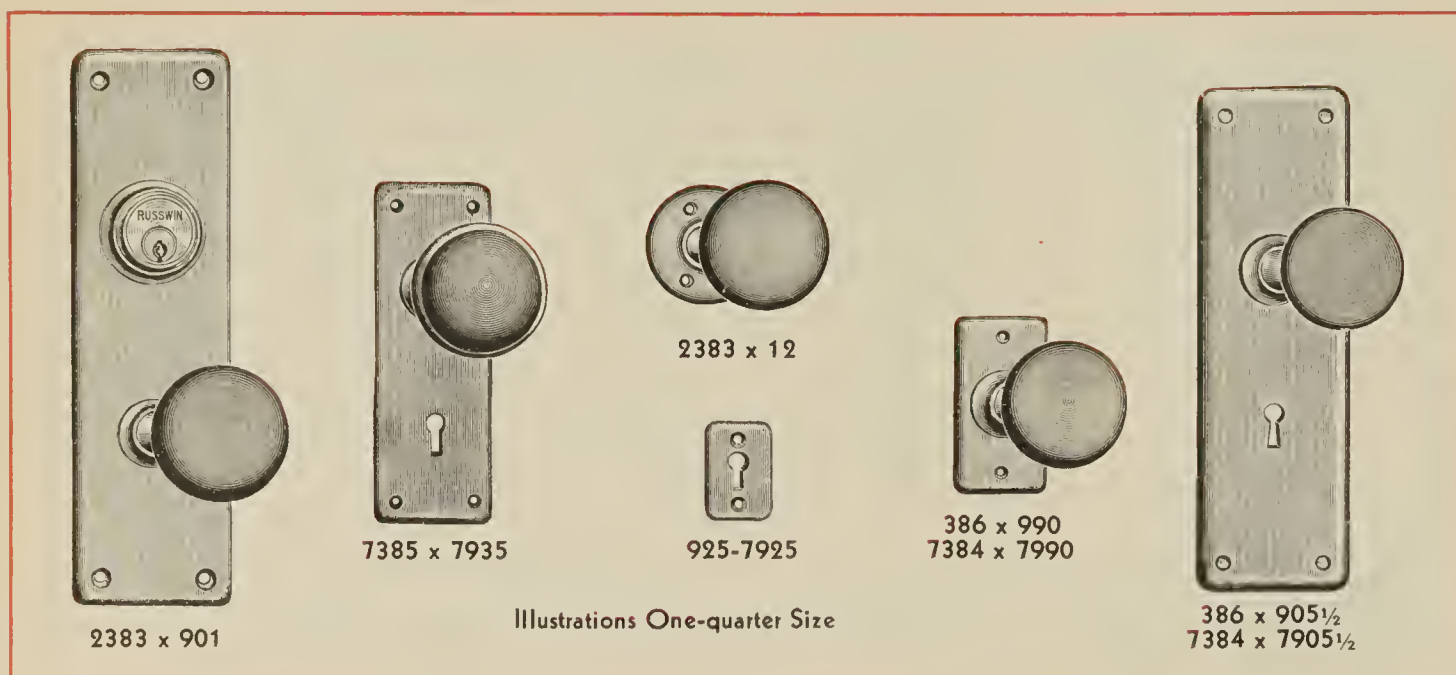
01041W10
01030D10

Illustrations One-fifth Size

Roxbury Design

[Symbol Rox.]

Wrought Brass, Bronze or Steel



Stock Finishes: 4, 7½, 9, 09C, 10, 11, 11C, and 46

Finish 46 Furnished on Steel Only

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
900		12 x 3 in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
901		10 x 2¾ in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
904½	7904½	10 x 2¾ in.	Escutcheon for Bit-Key Locks, No. 0122, etc.
902		9 x 2½ in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
905½	7905½	9 x 2½ in.	Escutcheon for Bit-Key Locks, No. 0122, etc.
B903		7½ x 2¼ in.	Escutcheon for Cylinder Locks, Inside, Blank.
T903		7½ x 2¼ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067.
T1903		7½ x 2¼ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067, Spaced for 11213, 11224 and 11248 Locks.
950		7½ x 2¼ in.	Escutcheon for Mortise Locks, 5 in. and larger.
940	7940	6 x 2 in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
935	7935	6 x 2 in.	Escutcheon for Mortise Locks, 3½ in.
970	7970	5 x 2 in.	Escutcheon for Mortise Locks, Sliding Door.
938	7938	5 x 1⅞ in.	Escutcheon for Mortise Locks, Narrow.
990	7990	3⅞ x 1⅝ in.	Escutcheon for Latches.
925	7925	1¾ x 1⅞ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920		1¾ x 1⅞ in.	Turn Knobs, ⅜ in. Spindle.

Bell Turn Handles, see page 366.

Push Buttons, see pages 366, 367.

Door Pulls, see page 527.

Push Plates, see page 525.

Letter Box Plates, see pages 521 to 523.

Sash Lifts, see pages 513 to 516.

For Knobs illustrated and others appropriate for use with this design, see page 221.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Roxbury Design

[Symbol Rox.]

Wrought Brass or Bronze

Cylinder Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
11248RY2	11248	269	2383	900 x T1903
11248RY4	11248	269	2383	901 x T1903
11248RY5	11248	269	2383	901xR12x066½
11248½RY4	11248½	269	2383	901 x B903
11248½RY5	11248½	269	2383	901 x R12

Office Door Sets

1238½MRY6	1238½M	267	2383	902 x B903
1239½MRY6*	1239½M	268	2383	902 x B903
11456MRY6*	11456M	266	2383	902 x B903

*Specify hand.

Bit-Key Front and Vestibule Door Sets

0122S8	0122	276	386	904½ x 940
0122S2	0122	276	386	905½ x 940
0122½S4	0122½	276	386	906½ x B940

Inside Door Sets

734S1	734	298	386	935 x 935
734S20	734	298	386xR12	925 x 925
01041S10	01041	312	386	990 x 990

School-House (Class Room) Door Sets

00125S2	00125	307	386	950 x 950
444¾S2	444¾	307	386	950 x 950

Wrought Steel

Bit-Key Front and Vestibule Door Sets

7122E8	7122	276	7385	7904½ x 7940
7122E2	7122	276	7385	7905½ x 7940
7122½E4	7122½	276	7385	7940 x B7940

Inside Door Sets

731E1	731	298	7385	7935 x 7935
731F1	731	298	7384	7935 x 7935
01030E10	01030	312	7385	7990 x 7990
01030F10	01030	312	7384	7990 x 7990

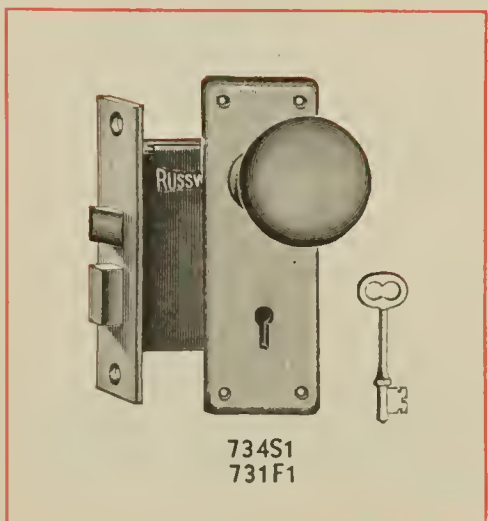
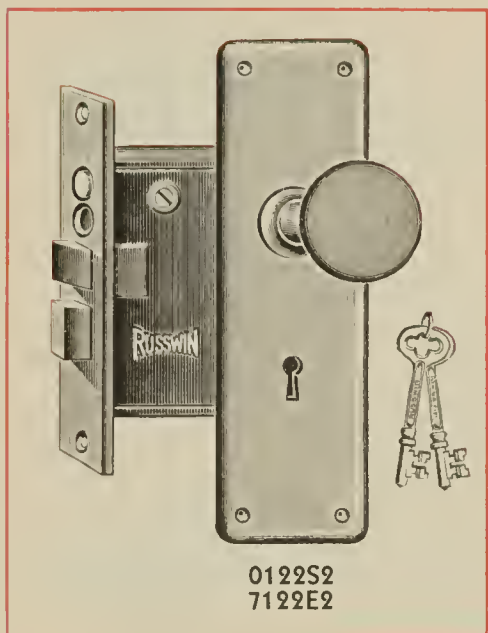
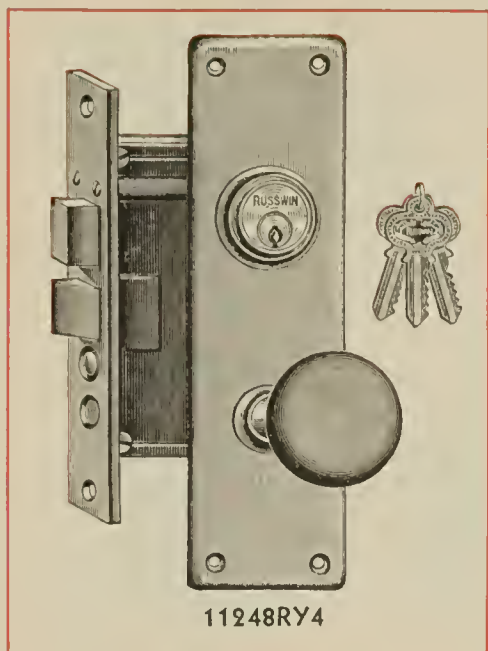
Entrance Handle Sets, see pages 204, 206.

One set in a box, with screws.

For weights, see pages 19, 20.

Cylinder Sets, one dozen in a case; Bit-Key Front and Vestibule Door Sets, three dozen; others five dozen.

For Types of Knob Shanks and Spindles, see pages 216, 217.



Illustrations One-quarter Size

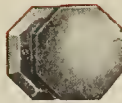
Royal Design

[Symbol Roy.]

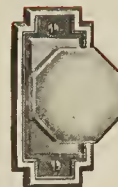
Wrought Brass, Bronze or Steel



366 x 900

366 x 935
7366 x 7935366 x 42 $\frac{1}{4}$ rose
7366 x 7042 $\frac{1}{4}$ rose

925-7925

366 x 990
7366 x 7990

615-7615

Illustrations One-fifth Size

Stock Finishes: 7 $\frac{1}{2}$, 9C, and 09B

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
366	7366	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.	Door Knobs, Plain Shank, $\frac{5}{16}$ in. Spindle No. 10. Door Knob Roses, Octagonal, see page 228.
900		10 $\frac{1}{2}$ x 3 in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
906 $\frac{1}{2}$	7906 $\frac{1}{2}$	10 $\frac{1}{2}$ x 3 in.	Escutcheon for Bit-Key Locks, No. 0122, etc.
B901		7 $\frac{1}{2}$ x 2 $\frac{5}{8}$ in.	Escutcheon for Cylinder Locks, Inside, Blank.
T901		7 $\frac{1}{2}$ x 2 $\frac{5}{8}$ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067.
T1901		7 $\frac{1}{2}$ x 2 $\frac{5}{8}$ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067, Spaced for 11213, 11224 and 11248 Locks.
940	7940	7 $\frac{1}{2}$ x 2 $\frac{5}{8}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
935	7935	7 $\frac{1}{4}$ x 2 $\frac{5}{8}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
990	7990	4 x 1 $\frac{3}{4}$ in.	Escutcheon for Latches.
925	7925	2 $\frac{1}{8}$ x 1 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920		2 $\frac{1}{8}$ x 1 in.	Turn Knobs, $\frac{3}{16}$ in. Spindle.
454	7454	1 $\frac{3}{4}$ x 4 in.	Sash Lift, Flush.
601		4 x 1 $\frac{3}{4}$ in.	Push Button, Midget.
615	7615	10 $\frac{1}{2}$ x 3 in.	Push Plate.
625		10 $\frac{1}{2}$ x 3 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
	7625	10 $\frac{1}{2}$ x 3 in.	Door Pull, with Grip No. 7073 (For other Grips, see pages 486 to 489).

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Royal Design

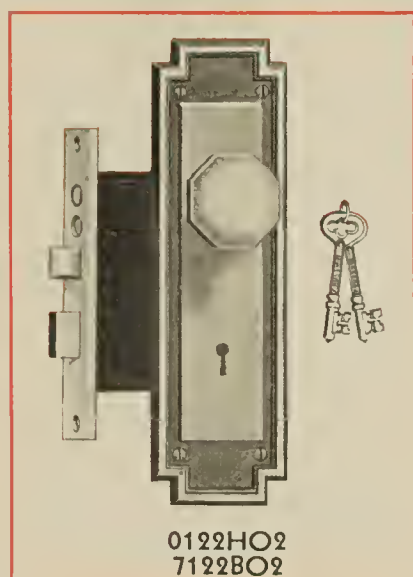
[Symbol Roy.]

Wrought Brass or Bronze

Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
11248HO2	11248	269	366	900 x T1901
11248½HO2	11248½	269	366	900 x B901
0122HO2	0122	276	366	906½ x 940
0122½HO4	0122½	276	366	940 x B940

Substituting Knob No. 956 Wellington for No. 366, change letters from HO to W.
Substituting Knob No. 386 for No. 366, change letters from HO to S.



Inside Door Sets

734HO1	734	298	366	935 x 935
734W1	734	298	956 Wel.	935 x 935
734S1	734	298	386	935 x 935
01041HO10	01041	312	366	990 x 990
01041W10	01041	312	956 Wel.	990 x 990
01041S10	01041	312	386	990 x 990

Wrought Steel

Front and Vestibule Door Sets

7122BO2	7122	276	7366	7906½ x 7940
7122½BO4	7122½	276	7366	7940 x B7940

Substituting Knob No. 7956 Wellington for No. 7366, change letters from BO to D.
Substituting Knob No. 7951 Wellington for No. 7366, change letters from BO to B.
Substituting Knob No. 7385 ——— for No. 7366, change letters from BO to E.

Inside Door Sets

731BO1	731	298	7366	7935 x 7935
731D1	731	298	7956 Wel.	7935 x 7935
731E1	731	298	7385	7935 x 7935
01030BO10	01030	312	7366	7990 x 7990
01030D10	01030	312	7956 Wel.	7990 x 7990
01030E10	01030	312	7385	7990 x 7990

One set in a box, with screws.

For weights, see pages 19, 20.

Cylinder Sets, one dozen in a case, Bit-Key Front and Vestibule Door Sets, three dozen, others five dozen.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Illustrations One-fifth Size

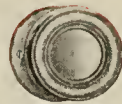
Sterling Design

[Symbol Ster.]

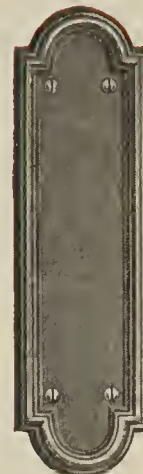
Wrought Brass, Bronze or Steel



2956 x 900

956 x 935
7956 x 7935956 x 12 rose
2956 x 12 rose
7956 x 7012 rose

925-7925

956 x 990
7956 x 7990

615-7615

Illustrations One-fifth Size

Stock Finishes: 7½, 9C, and 09B

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
956†	7956†	2¼ x 2¼ in.	Door Knobs, Plain Shank, ⅝ in. Spindle No. 10.
2956†		2¼ x 2¼ in.	Door Knobs, Simplex Shank, ⅝ in. Spindle No. 20.
			Door Knob Roses, Round, see page 227.
900		10½ x 3 in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
906½	7906½	10½ x 3 in.	Escutcheon for Bit-Key Locks, No. 0122, etc.
B901		7½ x 2⅝ in.	Escutcheon for Cylinder Locks, Inside, Blank.
T901		7½ x 2⅝ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067.
T1901		7½ x 2⅝ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067, Spaced for 11213, 11224 and 11248 Locks.
940	7940	7½ x 2⅝ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
935	7935	7½ x 2⅝ in.	Escutcheon for Mortise Locks, 3½ in.
990	7990	4¼ x 1½ in.	Escutcheon for Latches.
925	7925	2¼ x 1⅛ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920		2¼ x 1⅛ in.	Turn Knobs, ⅝ in. Spindle.
601		4¼ x 1½ in.	Push Button, Midget.
615	7615	10½ x 3 in.	Push Plate.
625		10½ x 3 in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
	7625	10½ x 3 in.	Door Pull, with Grip No. 7073 (For other Grips, see pages 486 to 489).

† One-piece Knobs.

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

For Dummy Cylinders, prefix "D."

Sterling Design

[Symbol Ster.]

Wrought Brass or Bronze
Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs	Escutcheons
11248WY2	11248	269	2956	900 x T1901
11248 $\frac{1}{2}$ WY2	11248 $\frac{1}{2}$	269	2956	900 x B901
0122W2	0122	276	956	906 $\frac{1}{2}$ x 940
0122 $\frac{1}{2}$ W4	0122 $\frac{1}{2}$	276	956	940 x B940

Inside Door Sets

734W1	734	298	956	935 x 935
734W20	734	298	956	925 x 925
01041W10	01041	312	956	990 x 990

Substituting Knob No. 956 Regent for No.956 Sterling, change letter from W to WR.

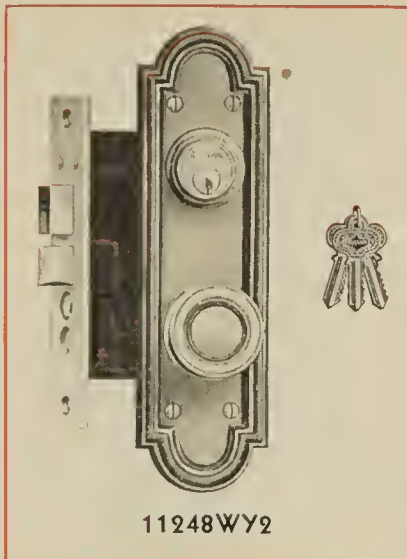
Wrought Steel
Front and Vestibule Door Sets

7122D2	7122	276	7956	7906 $\frac{1}{2}$ x 7940
7122 $\frac{1}{2}$ D4	7122 $\frac{1}{2}$	276	7956	7940 x B7940

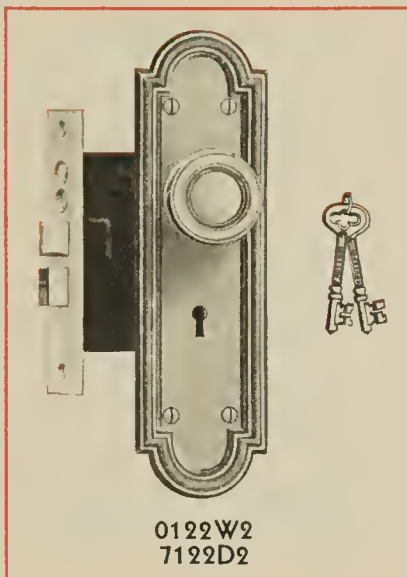
Inside Door Sets

731D1	731	298	7956	7935 x 7935
01030D10	01030	312	7956	7990 x 7990

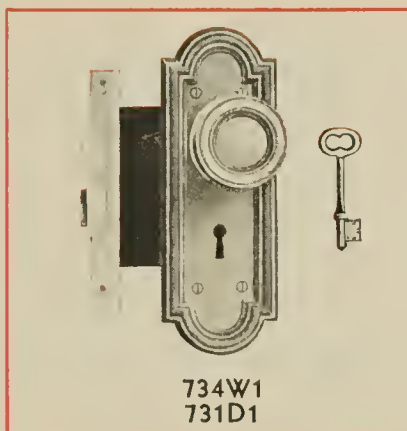
Substituting Knob No. 7956 Regent for No. 7956 Sterling, change letter from D to DR.



11248WY2



0122W2
7122D2



734W1
731D1



01041W10
01030D1

Illustrations One-fifth Size

One set in a box, with screws.

For weights, see pages 19, 20.

Cylinder Sets, one dozen in a case, Bit-Key Front and Vestibule Door Sets, three dozen, others five dozen.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Thermia Design

[Symbol Ther.]

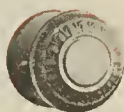
Wrought Brass, Bronze or Steel



951 x 900



951 x 935
7951 x 7935



951 x 12 rose
7951 x 7012 rose



925-7925



951 x 990
7951 x 7990



615-7615

Illustrations One-fifth Size

Stock Finishes: 7½ and 9C

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
951	7951	2¼ x 2¼ in.	Door Knobs, Plain Shank, ⅝ in. Spindle No. 10. Door Knob Roses, Round, see page 227.
900		8½ x 2¾ in.	Escutcheon for Cylinder Locks, Outside, 5½ in. and larger.
906½	7906½	8½ x 2¾ in.	Escutcheon for Bit-Key Locks, No. 0122, etc.
B901		6½ x 2¼ in.	Escutcheon for Cylinder Locks, Inside, Blank.
T901		6½ x 2¼ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067.
T1901		6½ x 2¼ in.	Escutcheon for Cylinder Locks, Inside, Turn No. 067, Spaced for 11213, 11224 and 11248 Locks.
940	7940	6½ x 2¼ in.	Escutcheon for Mortise Locks, 4, 4¼ and 4½ in.
935	7935	6½ x 2¼ in.	Escutcheon for Mortise Locks, 3½ in.
990	7990	3½ x 1½ in.	Escutcheon for Latches.
925	7925	1¾ x 1 in.	Escutcheon for Bit-Key Locks (Key-Plate).
920		1¾ x 1 in.	Turn Knobs, ⅜ in. Spindle.
601		3½ x 1½ in.	Push Button, Midget.
615	7615	8½ x 2¾ in.	Push Plate.
625		8½ x 2¾ in.	Door Pull, with Grip No. 073 (For other Grips, see pages 486 to 489).
	7625	8½ x 2¾ in.	Door Pull, with Grip No. 7073 (For other Grips, see pages 486 to 489).

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Thermia Design

(Symbol Ther.)

This Design Cancelled

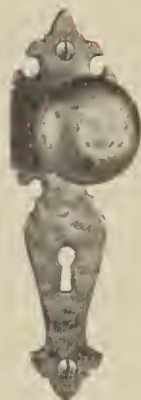
Winsor and York

Cast Brass or Bronze

WINSOR (Symbol Win.)



2361 x 901



2354 x 935

YORK (Symbol York)



2361 x 901



21496 x 935

Illustrations One-quarter Size

WINSOR DESIGN

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2361	2 x 2 in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
2354	1 $\frac{3}{4}$ x 1 $\frac{3}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
901	8 $\frac{3}{8}$ x 2 $\frac{1}{4}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and Larger.
940	6 $\frac{5}{8}$ x 1 $\frac{7}{8}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$, and 4 $\frac{1}{2}$ in.
935	6 $\frac{5}{8}$ x 1 $\frac{7}{8}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
T1940	6 $\frac{5}{8}$ x 1 $\frac{7}{8}$ in.	Escutcheon for Cylinder Locks, Inside: Spaced for 11213, 11224 and 11248 Locks.

Lock Sets

Set Number	Description	Lock	Page	Knobs	Escutcheons
9148	Front Door Set	11248	269	2361	901 x T1940
9434	Inside Door Set	734	298	2354	935 x 935
9475	Inside Door Set	0375	297	2354	935 x 935

YORK DESIGN

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2361	2 x 2 in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
21496	1 $\frac{3}{4}$ x 1 $\frac{3}{4}$ in.	Door Knobs, Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20.
901	9 $\frac{1}{4}$ x 2 $\frac{1}{2}$ in.	Escutcheon for Cylinder Locks, Outside, 5 $\frac{1}{2}$ in. and larger.
940	6 $\frac{3}{4}$ x 1 $\frac{7}{8}$ in.	Escutcheon for Mortise Locks, 4, 4 $\frac{1}{4}$ and 4 $\frac{1}{2}$ in.
935	6 $\frac{3}{4}$ x 1 $\frac{7}{8}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.
T1940	6 $\frac{3}{4}$ x 1 $\frac{7}{8}$ in.	Escutcheon for Cylinder Locks, Inside: Spaced for 11213, 11224 and 11248 Locks.

Lock Sets

Set Number	Description	Lock	Page	Knobs	Escutcheons
9148	Front Door Set	11248	269	2361	901 x T1940
9334	Inside Door Set	734	298	21496	935 x 935
9375	Inside Door Set	0375	297	21496	935 x 935

One set in a box, with screws.

For Dummy Cylinders, prefix "D."

For Escutcheons with Turn Knobs, prefix "T" to number; for Blank Escutcheons, prefix "B" to number.

When ordering Escutcheons only, specify lock with which they are to be used.

For Types of Knob Shanks and Spindles, see page 216, 217.

Webster, Winton, Woodstock Designs

(Symbols Web.-Win.-Wood.)

Wrought Brass or Bronze



734AC1 Webster

734BC1 Winton

734CC1 Woodstock

Illustrations One-quarter Size

Stock Finishes 10 and 24

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
21482	2 in.	Door Knobs, Simplex Shank $\frac{5}{16}$ in. Spindle No. 20
21486	1 $\frac{3}{4}$ in.	Door Knobs, Simplex Shank $\frac{5}{16}$ in. Spindle No. 20
21496	1 $\frac{3}{4}$ in.	Door Knobs, Simplex Shank $\frac{5}{16}$ in. Spindle No. 20
940	7 x 1 $\frac{3}{4}$ in.	Escutcheon for Mortise Locks, 4; 4 $\frac{1}{4}$, and 4 $\frac{1}{2}$ in.
935	7 x 1 $\frac{3}{4}$ in.	Escutcheon for Mortise Locks, 3 $\frac{1}{2}$ in.

Inside Door Sets—Wrought Brass or Bronze

Set Number	Lock	Page	Knobs	Escutcheons
734AC1	734	298	21482	935 x 935
734BC1	734	298	21486	935 x 935
734CC1	734	298	21496	935 x 935

Bath and Communicating Door Sets—Wrought Brass or Bronze

223AC1	223	292	21482	935 x T935
223BC1	223	292	21486	935 x T935
223CC1	223	292	21496	935 x T935

Specify Design When Ordering

One set in a box, with screws. Lock Sets packed two and one-half dozen in case. For weights, see pages 19, 20.
 For Escutcheons with Turn Knobs prefix T to number, for Blank Escutcheons prefix B to number.
 When ordering Escutcheons only, specify lock with which they are to be used.
 For Types of Knob Shanks and Spindles, see pages 216, 217.

Berkeley Design

(Symbol Berk.)

Bathroom and French Door Lock Sets

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Wrought Brass or Bronze Bathroom Door Lock Sets*

Stock Finishes: 4, 9, 09C, 11, 11C, and 46

Finish 46 Furnished on Steel Only

Set Number	Lock	Page	Knobs	Escutcheon
0223RY1	223	292	½ Pair 2383	One T935

Wrought Steel

0221F1	221	292	½ Pair 7384	One T7935
0221E1	221	292	½ Pair 7385	One T7935

*To complete Bathroom Door Lock Sets, trim should be added for the outside.

Wrought Brass or Bronze French Door Lock Sets

Stock Finishes: 4, 7½, 9, 09B, 09C, 10, and 11C

Set Number	Lock	Page	Front	Knob	Lever	Escutcheons
155	355	301	Flat	1186	728	938 x 938
158	358	301	½ in. Rabt.	1186	728	938 x 938
165	0065	302	Flat	1186	728	B938 x T938
168	0068	302	½ in. Rabt.	1186	728	B938 x T938

Wrought Steel

151	351	301	Flat	7186	7728	7938 x 7938
154	354	301	½ in. Rabt.	7186	7728	7938 x 7938

Illustrations One-fifth Size

One set in a box, with screws.

Bathroom Door Sets, 2½ dozen in a case; French Door Sets, three dozen.

For weights, see pages 19, 20.

Specify hand of Rabbeted Locks.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Roxbury Design

[Symbol Rox.]

Bathroom and French Door Lock Sets

Specify Number, Design, Finish, Size, Hand and Backset Where Required



Wrought Brass or Bronze Bathroom Door Lock Sets*

Stock Finishes: 4, 9, 11, 11C, and 46

Finish 46 Furnished on Steel Only

Set Number	Lock	Page	Knobs	Escutcheons
0223S1	223	292	1/2 Pair 386	OneT935

Wrought Steel

0221F1	221	292	1/2 Pair 7384	OneT7935
0221E1	221	292	1/2 Pair 7385	OneT7935

*To complete Bathroom Door Lock Sets, trim should be added for the outside.



Wrought Brass or Bronze French Door Lock Sets

Stock Finishes: 4, 7 1/2, 9, 09C, 10, and 11C

Set Number	Lock	Page	Front	Knob	Lever	Escutcheons
155	355	301	Flat	1186	728	938 x 938
158	358	301	1/2 in. Rabt.	1186	728	938 x 938
165	0065	302	Flat	1186	728	B938 x T938
168	0068	302	1/2 in. Rabt.	1186	728	B938 x T938

Wrought Steel

Illustrations One-fifth Size

151	351	301	Flat	7186	7728	7938 x 7938
154	354	302	1/2 in. Rabt.	7186	7728	7938 x 7938

One set in a box, with screws.

Bathroom Door Set, five dozen in a case; French Door Sets, three dozen.

For weights, see pages 19, 20.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Specify hand of Rabbeted Locks

Sectional Mortise Lock Sets

Illustrations One-quarter Size

For Bathroom and French Doors

Specify Number, Finish, Hand and Backset Where Required



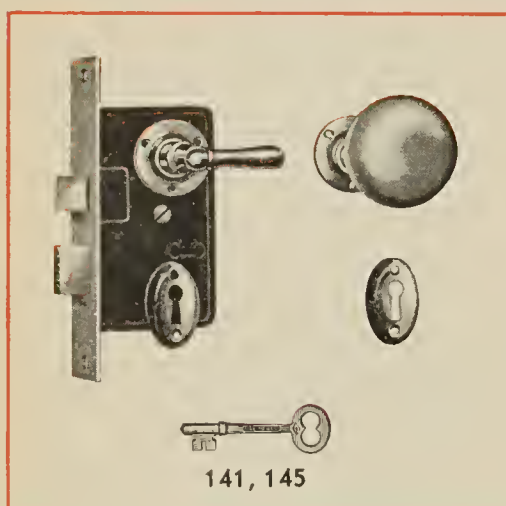
Bathroom Door Sets

Glass Knobs, Wrought Brass Roses and Turn Knobs

Set Number	Lock	Page	½ Pair Knobs	Rose	Turn Knob	Weight, Set
0223G3	223	292	2136	12	066½	1⅜ lbs.
0223G4	223	292	C2142½*	22¼	066½	1⅜ lbs.
0223G5	223	292	C2142¾*	11¾	066½	1⅜ lbs.
0223G6	223	292	2112	12	066½	1⅜ lbs.
0223G7	223	292	2152	12	066½	1⅜ lbs.

*Milk white.

To complete Bathroom Door Lock Sets, trim should be added for the outside of the door.



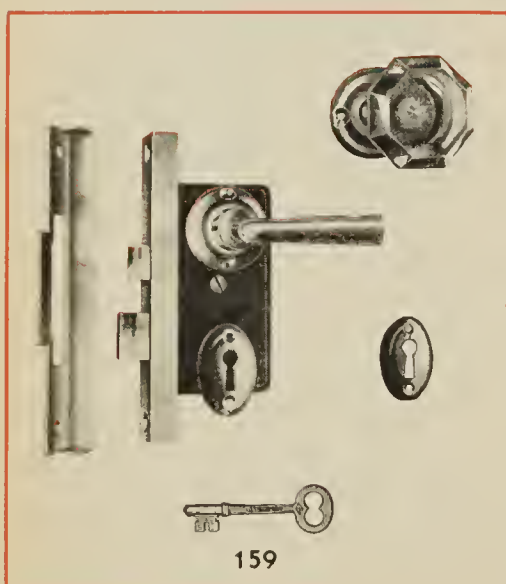
French Door Sets

Wrought Steel Lever, Knob and Escutcheons

Set Number	Lock	Page	Front	Knob and Rose	Lever and Rose	Two Escutcheons	Weight, Set
141	351	301	Flat	7186	7728 x 7011½	7066½	1½ lbs.
144	354	301	½ in. Rabt.	7186	7728 x 7011½	7066½	1½ lbs.

Wrought Bronze Lever, Knob and Escutcheons

145	355	301	Flat	1186	728x011½	66½	1½ lbs.
148	358	301	½ in. Rabt.	1186	728x011½	66½	1½ lbs.



Glass Knob, Cast Bronze Lever

Wrought Bronze Escutcheons and Roses

156	355	301	Flat	2136¾x11¾	060x11¾	66½	1⅝ lbs.
159	358	301	½ in. Rabt.	2136¾x11¾	060x11¾	66½	1⅝ lbs.
182	355	301	Flat	2112¾x11¾	060x11¾	66½	1⅝ lbs.
185	358	301	½ in. Rabt.	2112¾x11¾	060x11¾	66½	1⅝ lbs.
184	355	301	Flat	2152¾x11¾	060x11¾	66½	1⅝ lbs.
187	358	301	½ in. Rabt.	2152¾x11¾	060x11¾	66½	1⅝ lbs.

One set in a box, with screws.

For Weights, see pages 19, 20.

Bathroom Door Sets, five dozen sets in a case.

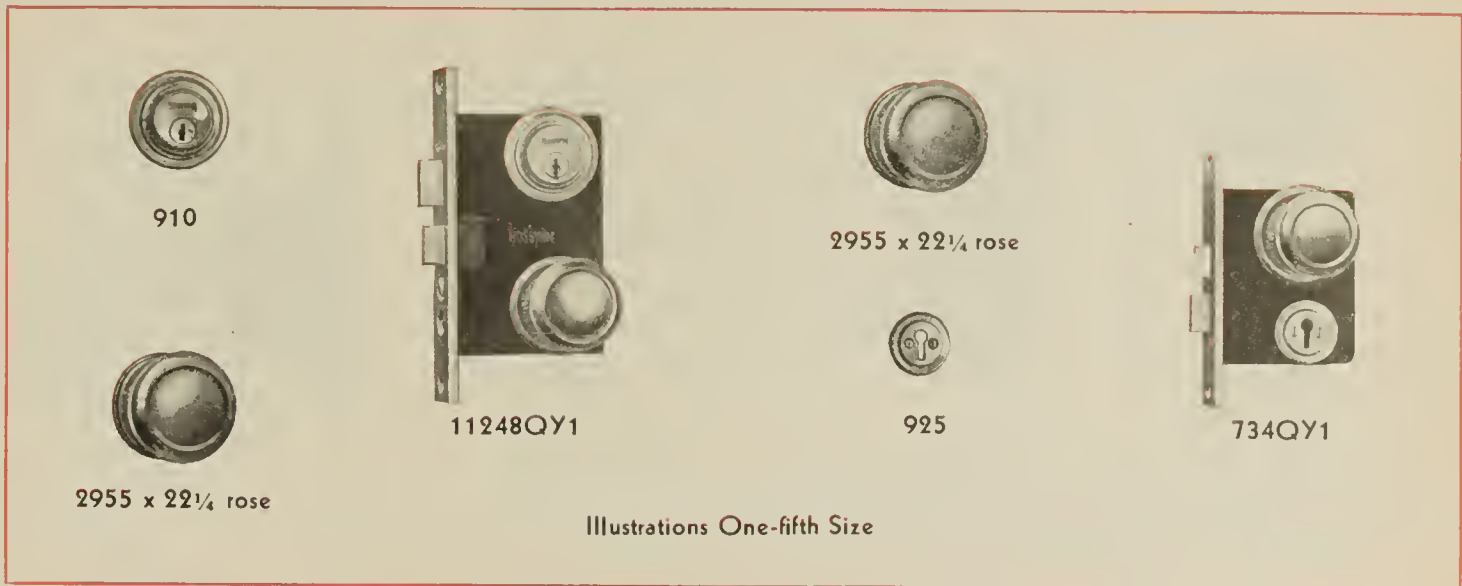
French Door Sets, three dozen sets in a case.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Darien Design

[Symbol Dn.]

Wrought Brass or Bronze



Stock Finishes: 4, 9, 09C, 10, 11C, 14, and 16½

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Number	Size	Description
2955	2 x 2 in.	Door Knobs, Plain Shank, ⅝ in. Spindle No. 20. Door Knob Roses, Round, see page 227.
910	2¼ in.	Cylinder Collar, Round, Cast Brass or Bronze.
925	1¼ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920	1¼ in.	Turn Knob, ⅝ in. Spindle.
1121	1⅜ x 3⅜ in.	Sash Lift, Flush.
600	2¼ in.	Push Button, Cast Brass or Bronze.

For Dummy Cylinders prefix "D."

When ordering Escutcheons only, specify lock with which they are to be used.

Lock Sets

Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs and Roses	Cyl. Collar x T. K.
11248QY1	11248	269	2955 x 22¼	910 x 920
11248½QY1	11248½	269	2955 x 22¼	(One) 910
Set Number	Lock	Page	Knobs and Roses	Escutcheons
0122QY1	0122	276	2955 x 22¼	925 x 925
0122½QY1	0122½	276	2955 x 22¼	(One) 925

Inside Door Sets

734QY1	734	298	2955 x 22¼	925 x 925
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One set in a box, with screws.

Cylinder Sets, one dozen in a case; Bit-Key Front and Vestibule Sets, three dozen; others five dozen.

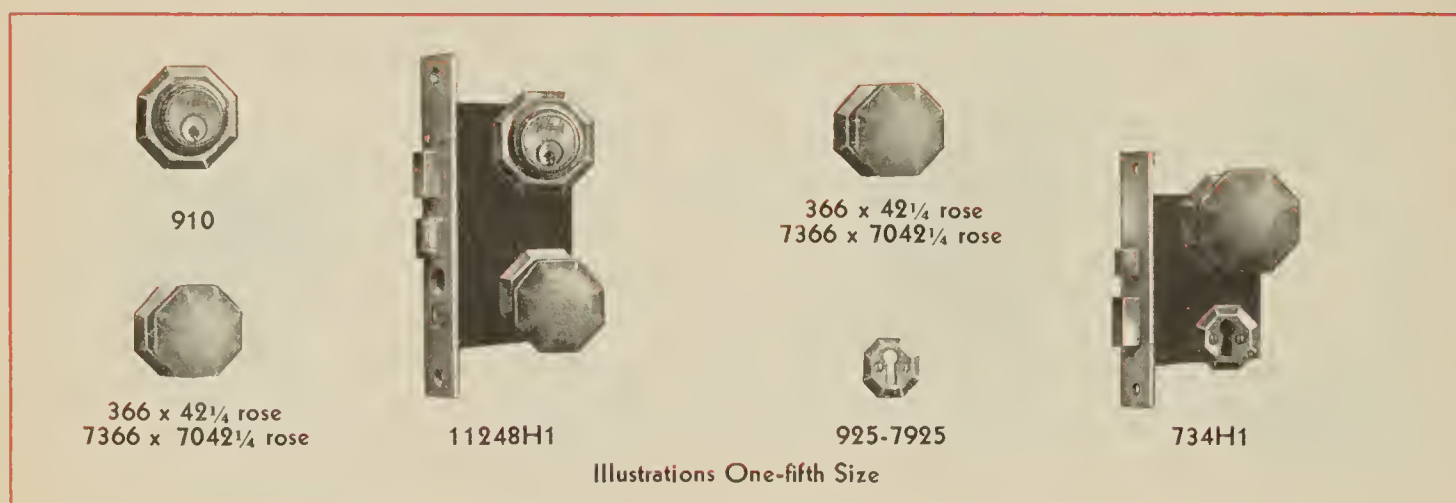
For Types of Knob Shanks and Spindles, see pages 216, 217.

For weights, see pages 19, 20.

Octo Design

[Symbol Oc.]

Wrought Brass, Bronze or Steel



Stock Finishes, Brass: 4, 9, 09B, 09C, 11, 14, and 16½

Stock Finishes, Steel: 9

Specify Number, Design, Finish, Size, Hand and Backset Where Required

Brass Number	Steel Number	Size	Description
366	7366	2¼ x 2¼ in.	Door Knobs, Plain Shank, ⅝ in. Spindle No. 10. Door Knob Roses, Octagonal, see page 228.
910	7925	2½ x 2½ in.	Cylinder Collar, Octagonal, Cast Brass or Bronze.
925		1⅜ x 1⅜ in.	Escutcheon for Bit-Key Locks (Key-Plate).
920		1⅜ x 1⅜ in.	Turn Knob, ⅝ in. Spindle.
571		1⅜ x 3½ in.	Drawer Pull, Drop.
600		2⅜ x 2⅜ in.	Push Button, Cast Brass or Bronze.
601		2¼ x 2¼ in.	Push Button, Midget.

For Dummy Cylinders, prefix "D."

When ordering Escutcheons only, specify lock with which they are to be used.

Wrought Brass or Bronze Front and Vestibule Door Sets

Set Number	Lock	Page	Knobs and Roses	Cyl. Collar x T. K.
11248H1	11248	269	366 x 42¼	910 x 920
11248½H1	11248½	269	366 x 42¼	(One) 910
Set Number	Lock	Page	Knobs and Roses	Escutcheons
0122H1	0122	276	366 x 42¼	925 x 925
0122½H1	0122½	276	366 x 42¼	(One) 925

Inside Door Sets

734H1	734	298	366 x 42¼	925 x 925
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Wrought Steel Front and Vestibule Door Sets

7122B1	7122	276	7366 x 7042¼	7925 x 7925
7122½B1	7122½	276	7366 x 7042¼	(One) 7925

Inside Door Sets

731B1	731	298	7366 x 7042¼	7925 x 7925
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One set in a box, with screws.

For weights, see pages 19, 20.

Cylinder Sets, one dozen in a case; Bit-Key Front and Vestibule Sets, three dozen; others five dozen.

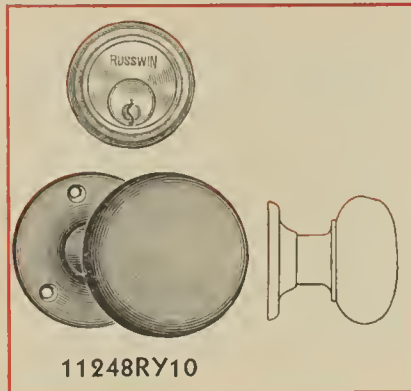
For Types of Knob Shanks and Spindles, see pages 216, 217.

Cylinder Sectional Mortise Lock Sets

Illustrations One-third Size

Specify Set Number and Finish

With Wrought Brass or Glass Knobs, Wrought Brass Roses and Cylinder Rings



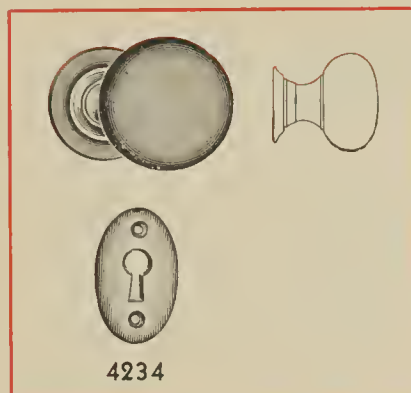
Set Number	Lock	Page	Knobs	Roses	Cylinder Collars	Turn Knob	Weight Set
11248RY10	11248	269	2383	12	A	066½	3¾ lbs.
11248RJY10	11248	269	2383 x 2136	12	A	066½	4 lbs.
11248RZY10	11248	269	2383 x 2152	12	A	066½	4 lbs.
11248½RY10	11248½	269	2383	12	A		3½ lbs.
11248½RJY10	11248½	269	2383 x 2136	12	A		3¾ lbs.
11248½RZY10	11248½	269	2383 x 2152	12	A		3¾ lbs.

One set in a box, with screws.

Twelve sets in a case.

Bit-Key Sectional Mortise Lock Sets

Cast Brass or Bronze Colonial Knobs, Roses and Escutcheons



Set Number	Lock	Page	Knobs	Roses	Escutcheons	Weight, Set
4134	734	298	1375	1375	66	2 lbs.
4234	734	298	1378	1378	66	1⅝ lbs.
4334	734	298	21378	1378	66	1¾ lbs.
4434	734	298	21371	F371	66	1⅞ lbs.
4534	734	298	21372	F372	66	2⅜ lbs.
4634	734	298	21176	3111¾	66	1⅞ lbs.

For other Colonial Knobs see pages 218 to 220.

Wrought Brass or Bronze Knobs, Roses and Escutcheons

734KA15	734	298	2362	11¾	65½	1⅝ lbs.
734K20	734	298	382	12	66½	1⅝ lbs.
734KY20	734	298	2382	12	66½	1⅝ lbs.
3734W	734	298	386	12	66½	1⅝ lbs.
3934W	734	298	2383	12	66½	1⅝ lbs.
4875	0375	297	21482	12	66½	1⅝ lbs.

Wrought Steel Knobs, Roses and Escutcheons

731FF20	731	298	7382	7012	7066½	1⅜ lbs.
731F20	731	298	7384	7012	7066½	1⅜ lbs.
731FA15	731	298	27362	7012	7065½	1⅜ lbs.

With Glass Knobs, Wrought Brass Shanks, Wrought Brass and Steel Roses and Escutcheons

558-34	734	298	2152	12	66½	1¾ lbs.
558-31	731	298	2152	12	66½	1⅝ lbs.
758-31	731	298	2152	7012	7066½	1⅝ lbs.

Porcelain Knobs, Brass or Steel Roses and Escutcheons

6034	734	298	0768	12	66½	2 lbs.
6234	734	298	02758	12	66½	2 lbs.
6731	731	298	07700	7012	7066½	2 lbs.

Porcelain Knobs, Steel Roses and Escutcheons, White Enamel

0375AA20†	0375	297	7201	37012	37066½	2¼ lbs.
734AA20†	734	298	7201	37012	37066½	1⅝ lbs.
731AA20†	731	298	7201	37012	37066½	1⅝ lbs.

†Nickel plated, Lock Front and Knob Shank.

Terminal numbers indicate lock packed with set, i. e.:—75 indicates No. 0375; 34 No. 734.

Example:—If 380¾ lock is desired Set No. 4134 would become No. 4180¾.

For Types of Knob Shanks and Spindles, see pages 216, 217.

One set in a box, with screws.

Two and One-half dozen sets in a case.

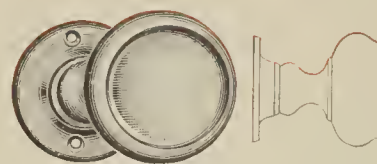
Bit-Key Sectional Mortise Lock Sets



118-34



119-89



455-75



486-75
Type of 482-75
485-75 685-75



496-89
Type of 486-75
495-75 696-89



686-89



Illustrations One-third Size

Wrought Brass or Bronze Knobs, Cast and Wrought Roses and Escutcheons

Specify Set Number and Finish

Set Number	Lock	Page	Knobs	Roses	Escutcheons	Weight, Set
118-34	734	298	1186	011 $\frac{3}{4}$	66 $\frac{1}{2}$	1 $\frac{1}{4}$ lbs.
119-89	0389	298	1186	011 $\frac{3}{4}$	030	1 $\frac{5}{8}$ lbs.
455-75	0375	297	21455	F372	925 Warren	1 $\frac{7}{8}$ lbs.
482-75	0375	297	21482	F372	925 Clinton	1 $\frac{7}{8}$ lbs.
485-75	0375	297	21486	3111 $\frac{3}{4}$	68	1 $\frac{7}{8}$ lbs.
486-75	0375	297	21486	F371	925 Clinton	1 $\frac{7}{8}$ lbs.
495-75	0375	297	21496	3111 $\frac{3}{4}$	68	1 $\frac{7}{8}$ lbs.
496-89	0389	298	21496	11 $\frac{3}{4}$	69	1 $\frac{7}{8}$ lbs.
685-75	0375	297	21482	F372	68	1 $\frac{1}{4}$ lbs.
686-89	0389	298	21486	11 $\frac{3}{4}$	66 $\frac{1}{2}$	1 $\frac{5}{8}$ lbs.
696-89	0389	298	21496	11 $\frac{3}{4}$	66 $\frac{1}{2}$	1 $\frac{5}{8}$ lbs.

Terminal Numbers indicate lock packed with set, i. e.:—75 indicates No. 0375,—34, No. 734.

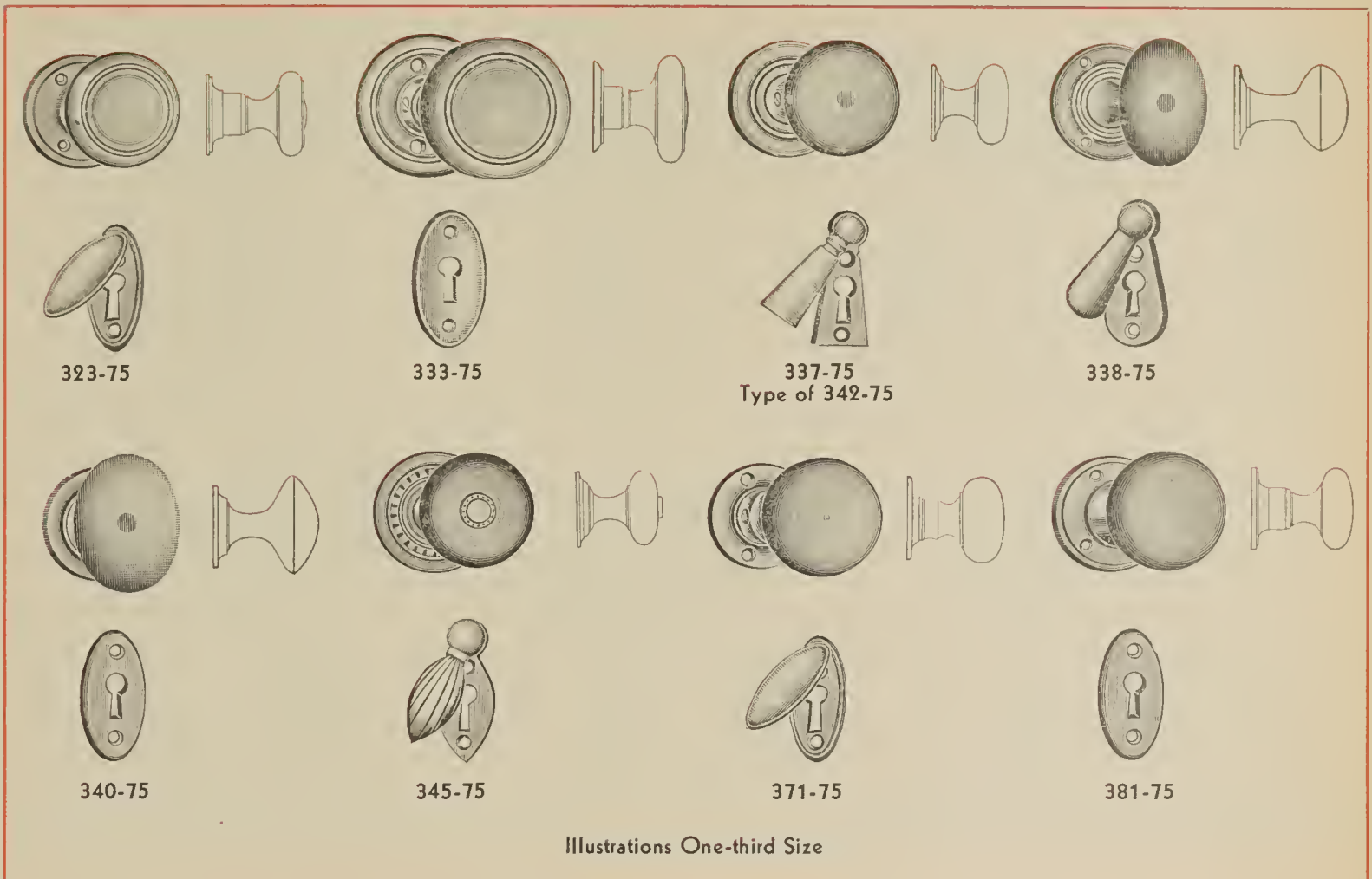
Example:—If 380 $\frac{3}{4}$ Lock is desired Set No. 455-75 would become No. 455-80 $\frac{3}{4}$.

For Types of Knob Shanks and Spindles, see pages 216, 227.

One set in a box, with screws.

Two and One-half dozen sets in a case.

Bit-Key Sectional Mortise Lock Sets



Cast Brass or Bronze Knobs, Roses and Escutcheons

Specify Set Number and Finish

Set Number	Lock	Page	Knobs	Roses	Escutcheons	Weight, Set
323-75	0375	297	2323	2331	930 Clin.	2 ³ / ₈ lbs.
333-75	0375	297	2333	2333	925 Warren	2 ³ / ₈ lbs.
337-75	0375	297	2337	337	030	2 lbs.
338-75	0375	297	338	338	032	2 lbs.
340-75	0375	297	340	337	69	2 lbs.
342-75	0375	297	2342	337	030	2 ¹ / ₂ lbs.
345-75	0375	297	345	345	033	2 lbs.
371-75	0375	297	21371	F371	930 Clin.	2 lbs.
381-75	0375	297	21381	2331	68	2 ³ / ₈ lbs.

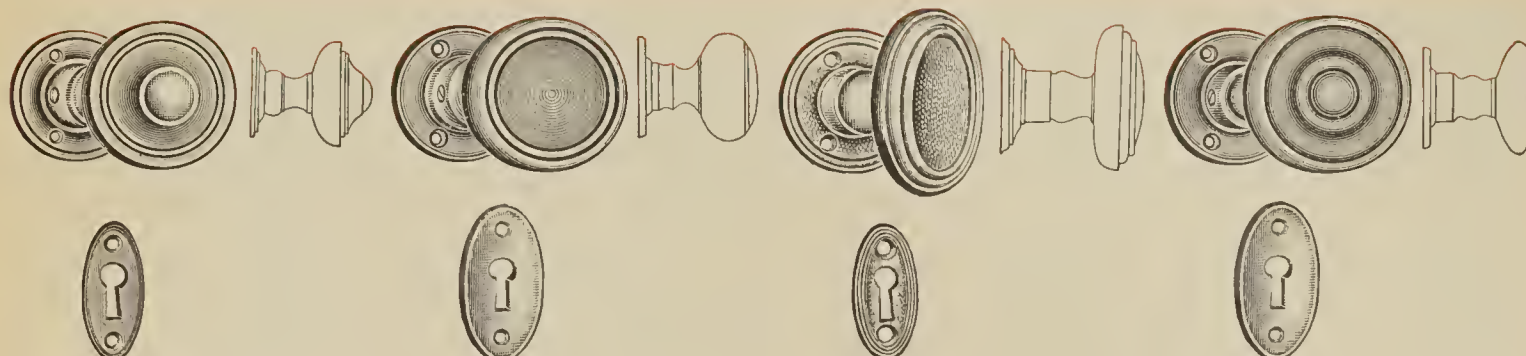
Terminal numbers indicate lock packed with set, i. e.:—75 indicates No. 0375,—80³/₄, No. 380³/₄.
 Example:—If 380³/₄ lock is desired Set No. 323-75 would become No. 323-80³/₄.

For Types of Knob Shanks and Spindles, see pages 216, 217.

One set in a box, with screws.

Two and One-half dozen sets in a case.

Bit-Key Sectional Mortise Lock Sets

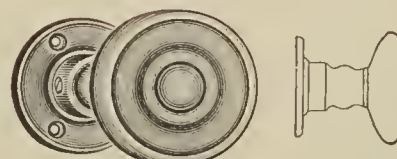
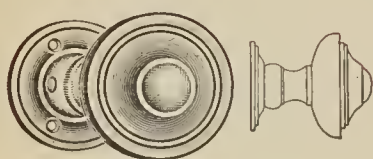


331-75
Type of 332-75

330-75

281-75

334-75



0332-75
Type of 0331-75

335-75
Type of 336-75

0334-75

Illustrations One-third Size

Cast Brass or Bronze Knobs, Roses and Escutcheons

Specify Set Number and Finish

Set Number	Lock	Page	Knobs	Roses	Escutcheons	Weight, Set
281-75	0375	297	2981 A Bed.	F952 Bed.	925 Bed.	2½ lbs.
330-75	0375	297	2330	F372	925 Warren	2⅜ lbs.
331-75	0375	297	2331	2331	925 Clin.	2¼ lbs.
0331-75	0375	297	2331	2331	930 Clin.	2¼ lbs.
332-75	0375	297	2332	2332	925 Clin.	2⅜ lbs.
0332-75	0375	297	2332	2332	930 Clin.	2⅜ lbs.
334-75	0375	297	2334	F372	925 Warren	2⅜ lbs.
0334-75	0375	297	2334	F372	030 —	2⅜ lbs.
335-75	0375	297	2335	2331	931 Fanueil	2½ lbs.
336-75	0375	297	2336	2332	931 Fanueil	2½ lbs.

Terminal numbers indicate lock packed with set, i. e.:—75 indicates No. 0375,—80¾, No. 380¾.

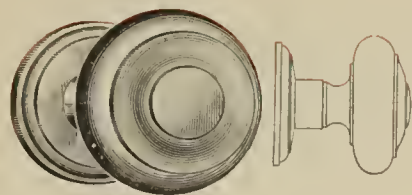
Example:—If 380¾ lock is desired Set No. 281-75 would become No. 281-80¾.

For Types of Knob Shanks and Spindles, see pages 216, 217.

One set in a box, with screws.

Two and One-half dozen sets in a case.

Bit-Key Sectional Mortise Lock Sets



327-75



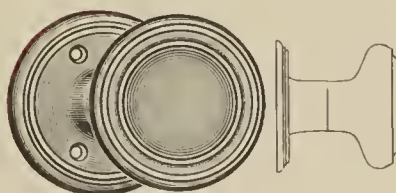
346-75



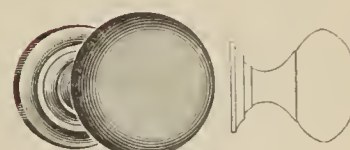
347-75



348-75



351-75



358-75

Illustrations One-third Size

Cast Brass or Bronze Knobs, Roses and Escutcheons

Specify Set Number and Finish

Set Number	Lock	Page	Knobs	Roses	Escutcheons	Weight, Set
327-75	0375	297	2327	2327	930 Clinton	2½ lbs.
346-75	0375	297	2346	F382	925 Clinton	2¼ lbs.
347-75	0375	297	2347	2347	031	2¼ lbs.
348-75	0375	297	2348	2348	925 Warren	2¼ lbs.
351-75	0375	297	2951 Fra.	3952¾	68	2½ lbs.
358-75	0375	297	2358	2358	034	2¼ lbs.

Terminal numbers indicate lock packed with set, i. e.: -75 indicates No. 0375, -80¾, No. 380¾.

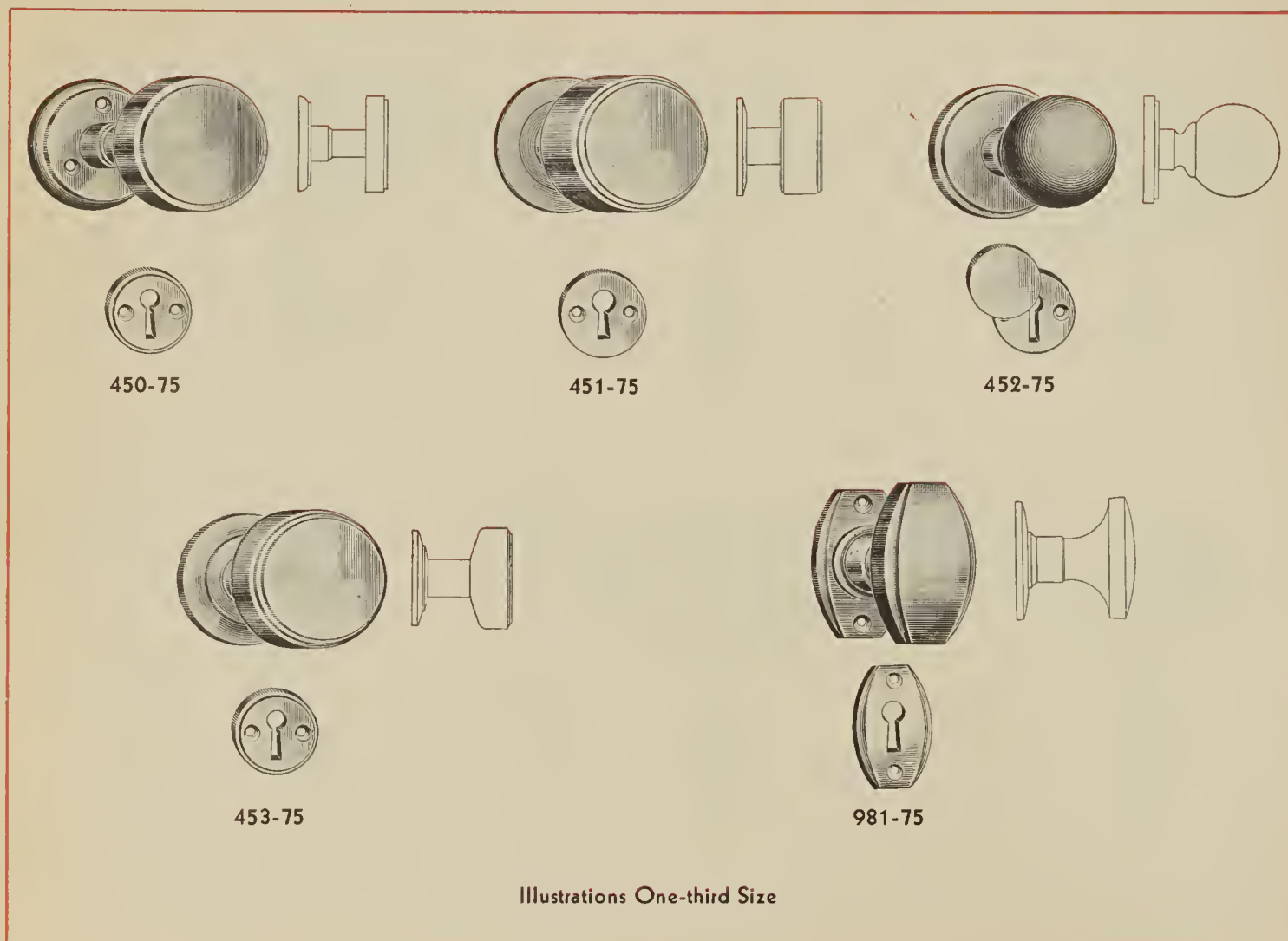
Example: —If 380¾ lock is desired Set No. 327-75 would become No. 327-80¾.

For Types of Knob Shanks and Spindles, see pages 216, 217.

One set in a box, with screws.

Two and One Half dozen sets in a case.

Modern Bit-Key Sectional Mortise Lock Sets



Cast Brass or Bronze Knobs, Roses and Escutcheons

Specify Set Number and Finish

Set Number	Lock	Page	Knobs	Roses	Escutcheons	Weight, Set
450-75	0375	297	2450	2450	71	2¼ lbs.
451-75	0375	297	2451	2451	70	2¼ lbs.
452-75	0375	297	2452	482	71D	2¼ lbs.
453-75	0375	297	2453	2451	71	2½ lbs.
981-75	0375	297	3981 Andre	3981½ Andre	925 Andre	2⅛ lbs.

Terminal Numbers indicate lock packed with set, i. e.:—75 indicates No. 0375,—80¾, No. 380¾.

Example:—If 380¾ Lock is desired Set No. 450-75 would become No. 450-80¾.

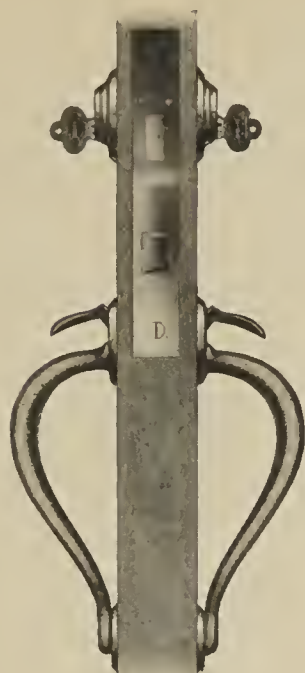
For Types of Knob Shanks and Spindles, see pages 216, 227.

One set in a box, with screws.

Two and One Half dozen sets in a case.

Entrance Handle Lock Sets

Applied with Trim



9098
Edge View of Doors
Illustrating Cylinder Locks



11213
Edge View of Doors
Illustrating Cylinder Locks

For full description of locks as packed regular and others suitable for use with sets of this type—see pages 277 to 281 illustrating and describing operation of same in detail.

Store Door Entrance Handle Lock Set No. 3098 Proc. Fin. (9)

Lock No. 9098, Type of Nos. 9098½, 9118, 9119, 9128, 9132 and 9152½M. Handles No. 420 Prockter. For other designs see following pages.

These sets are packed with two Handles (of the design desired), one for each side of door.

When ordering, specify set number, name of design and finish. The second numeral, which is the terminal numeral of the handle, indicates type of handle or grip, and the last two, which are the terminal numerals of the lock, indicate the lock.

Example

Set No. 3018 Proc. Finish 9 consists of Lock No. 9118, Handles No. 420 Prockter Finish (Dull Brass) No. 9.

For properly equipping Pairs of Doors with double or dummy trim on the standing leaf or inactive door, and for the purpose of showing handles on Panels for display purposes, add Dummy Cylinders as illustrated on page 342.

Residence Door Entrance Handle Lock Set No. 13013 Proc. Fin. (9)

Lock No. 11213, Type of Nos. 1213, 1213½, 1223 and 11223. Handle No. 420 Prockter outside. Knob 2383, Spindle 40 x Rose 12 x Turn Knob 066½ inside.

These sets are packed regular with one handle (of the design desired) for outside. Knob 2383, Spindle 40 x Rose 12 x Turn Knob 066½ for inside.

When ordering, specify set number, name of design and finish. The third numeral of the set number, which is the terminal numeral of the handle, indicates the type of handle or grip (for use on the outside of door), and the last two, which are the terminal numerals of the lock number, indicate the lock. Regular trim for the inside of door, as above noted, will be furnished unless otherwise specified.

Example

Set No. G13013½ Brew. Fin. 10 x 14 consists of Lock No. 11213½, Handle No. 420 Brewster outside x Glass Knob 2152, Spindle 40 x Rose 12 x Turn Knob 066½ inside. Outside trim (Buffed Brass) Finish No. 10—Inside trim, and lock front or face (Dull Nickel), Finish No. 14.

Substitution of Inside Trim

Any Cast Brass or Bronze (ornamental or plain) Escutcheon as T3901, T3902, T3903 or T3940 (for Lock No. 11213 use T13901, etc.), or any Wrought Brass or Bronze (ornamental or plain) Escutcheon as T901, T902, T903 or T940 (for Lock No. 11213 use T1901, etc.), and any knob either metal or glass, or knobs with roses and separate turns, may be substituted at the difference between the inside trim listed with set and that which is desired.

Entrance Handle Lock Sets

Cast Brass or Bronze



Handle 420
Ajax



Handle 5420
Alameda



Handle 420
Andre



Handle 420
Argo



Handle 5420
Avon

Illustrations One-quarter Size

Lock 11213 with one Handle and Cylinder Collar outside, 1/2 pair Knobs 2383, Rose 12 and Turn Knob 066 1/2 inside

Set Number	Handle No.	Design	Grip No.	Size Over-all	Cylinder Collar	Plates
13013 Ajax	420	Ajax	788	15 7/16 x 2 1/2 in.	3 3/8 x 2 5/16 in.	4 1/4 x 2 1/2 x 3 3/8 x 2 5/16 in.
54013 Alameda†	5420	Alameda	5494	15 x 2 3/4 in.	3 1/2 x 2 3/4 in.	10 1/2 x 2 3/4 in.
13013 Andre	420	Andre	0782	16 1/4 x 2 1/2 in.	2 7/8 x 2 1/8 in.	3 3/4 x 2 3/8 x 2 7/8 x 1 3/4 in.
13013 Argo	420	Argo	Argo	14 5/8 x 2 5/8 in.	2 5/8 x 2 5/8 in.	10 1/4 x 2 5/8 in.
54013 Avon†	5420	Avon	Avon	14 3/8 x 2 5/8 in.	2 3/4 x 2 5/8 in.	9 3/4 x 2 5/8 in.

Lock 9098 with two Handles and Cylinder Collars, one for each side of door

3098 Ajax	420	Ajax	788	15 7/16 x 2 1/2 in.	3 3/8 x 2 5/16 in.	4 1/4 x 2 1/2 x 3 3/8 x 2 5/16 in.
5498 Alameda†	5420	Alameda	5494	15 x 2 3/4 in.	3 1/2 x 2 3/4 in.	10 1/2 x 2 3/4 in.
3098 Andre	420	Andre	0782	16 1/4 x 2 1/2 in.	2 7/8 x 2 1/8 in.	3 3/4 x 2 3/8 x 2 7/8 x 1 3/4 in.
3098 Argo	420	Argo	Argo	14 5/8 x 2 5/8 in.	2 5/8 x 2 5/8 in.	10 1/4 x 2 5/8 in.
5498 Avon†	5420	Avon	Avon	14 3/8 x 2 5/8 in.	2 3/4 x 2 5/8 in.	9 3/4 x 2 5/8 in.

†Furnished in Cast Russwin Metal in Finishes 45H or 45B only or Cast Brass in Finish 9 OE only.

Specify set number, name of design and finish.

For Locks, see pages 278, 281.

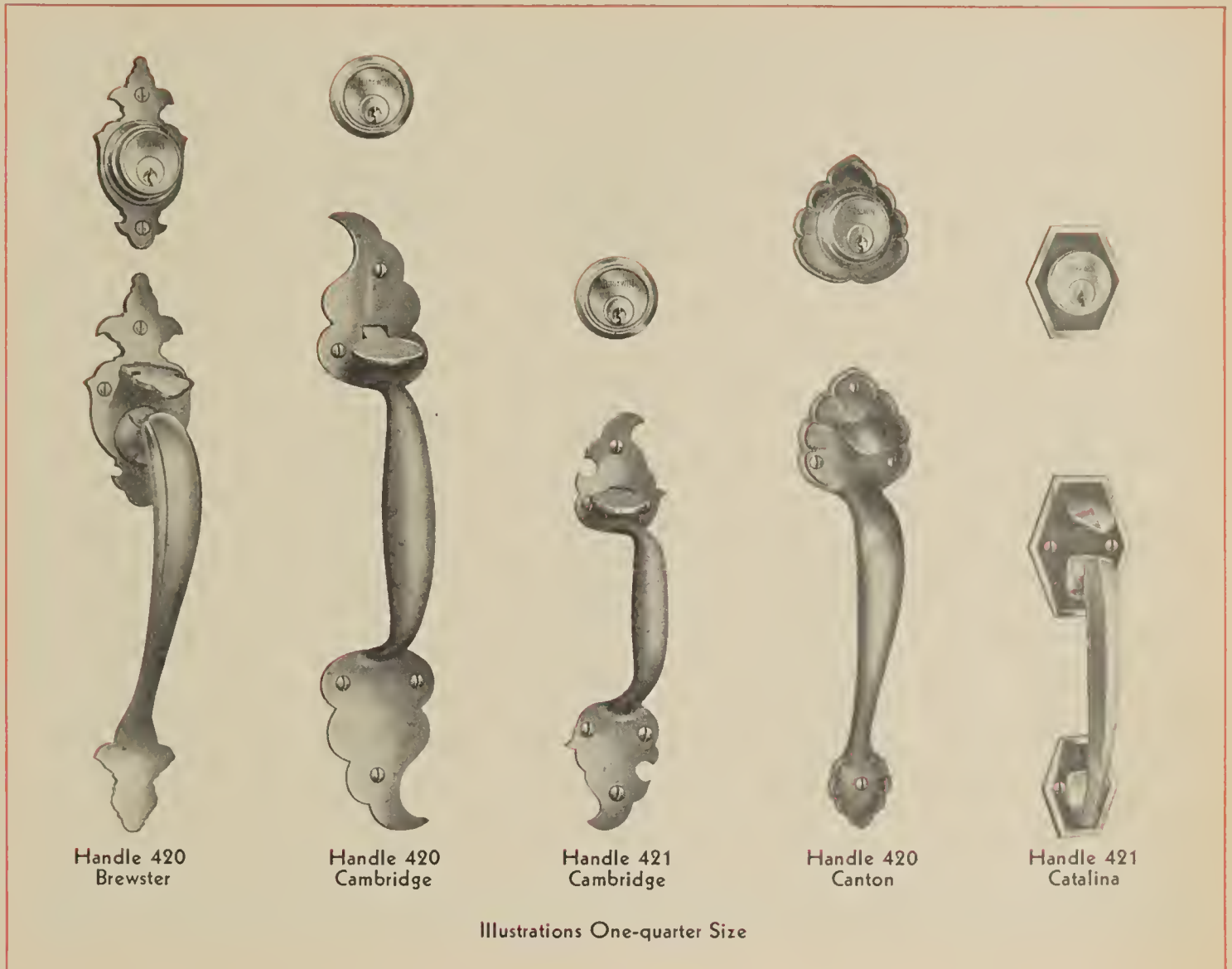
Push Buttons, page 367.

One set in a box, with screws.

For other Grips, see pages 486 to 489.

Entrance Handle Lock Sets

Cast Brass or Bronze



Lock 11213 with one Handle and Cylinder Collar outside, 1/2 pair Knobs 2383, Rose 12 and Turn Knob 066 1/2 inside

Set Number	Handle No.	Design	Grip No.	Size Over-all	Cylinder Collar	Plates
13013 Brewster	420	Brewster	Brew.	16 1/2 x 2 1/2 in.	4 1/8 x 2 1/8 in.	5 x 2 1/2 in.
13013 Cambridge	420	Cambridge	Camb.	13 x 2 3/4 in.	A	.....
13113 Cambridge	421	Cambridge	Camb.	9 x 2 in.	A	.....
13013 Canton	420	Canton	Canton	14 3/8 x 2 5/8 in.	2 3/4 x 2 5/8 in.	9 3/4 x 2 5/8 in.
13113 Catalina	421	Catalina	Catalina	12 7/16 x 2 5/16 in.	2 1/2 x 2 5/16 in.	3 x 2 5/16 x 2 1/8 x 1 11/16 in.

Lock 9098 with two Handles and Cylinder Collars, one for each side of door

3098 Brewster	420	Brewster	Brew.	16 1/2 x 2 1/2 in.	4 1/8 x 2 1/8 in.	5 x 2 1/2 in.
3098 Cambridge	420	Cambridge	Camb.	13 x 2 3/4 in.	A	.....
3198 Cambridge	421	Cambridge	Camb.	9 x 2 in.	A	.....
3098 Canton	420	Canton	Canton	14 3/8 x 2 5/8 in.	2 3/4 x 2 5/8 in.	9 3/4 x 2 5/8 in.
3198 Catalina	421	Catalina	Catalina	12 7/16 x 2 5/16 in.	2 1/2 x 2 5/16 in.	3 x 2 5/16 x 2 1/8 x 1 11/16 in.

Specify set number, name of design and finish.

For Locks, see pages 278, 281.

Push Buttons, see page 367.

One set in a box, with screws.

For other Grips, see pages 485 to 487.

Entrance Handle Lock Sets

Cast Brass or Bronze



Illustrations One-quarter Size

Lock 11213 with one Handle and Cylinder Collar outside, 1/2 pair Knobs 2383, Rose 12 and Turn Knob 066 1/2 inside

Set Number	Handle No.	Design	Grip No.	Size Over-all	Cylinder Collar	Plates
13213 Cop.	422	Copley	0777 1/4	12 1/2 x 2 1/4 in.	2 3/8 x 2 3/8 in.	3 7/8 x 2 3/8 x 2 x 2 in.
13313 Cop.	423	Copley	0790	13 3/4 x 2 1/4 in.	2 3/8 x 2 3/8 in.	3 7/8 x 2 3/8 x 2 x 2 in.
13413 Cop.	424	Copley	0798	13 x 2 1/4 in.	2 1/4 x 2 1/4 in.	3 1/4 x 2 1/4 x 1 5/8 x 1 5/8 in.
54013 Echo†	5420	Echo	Echo	14 5/8 x 2 5/8 in.	2 5/8 x 2 5/8 in.	10 1/4 x 2 5/8 in.
13013 Egy.	420	Egypt	Egy.	15 5/8 x 2 3/8 in.	2 3/8 x 2 3/8 in.	3 1/2 x 2 3/8 x 2 9/16 x 2 in.

Lock 9098 with two Handles and Cylinder Collars, one for each side of door

3298 Cop.	422	Copley	0777 1/4	12 1/2 x 2 1/4 in.	2 3/8 x 2 3/8 in.	3 7/8 x 2 3/8 x 2 x 2 in.
3398 Cop.	423	Copley	0790	13 3/4 x 2 1/4 in.	2 3/8 x 2 3/8 in.	3 7/8 x 2 3/8 x 2 x 2 in.
3498 Cop.	424	Copley	0798	13 x 2 1/4 in.	2 1/4 x 2 1/4 in.	3 1/4 x 2 1/4 x 1 5/8 x 1 5/8 in.
5498 Echo†	5420	Echo	Echo	14 5/8 x 2 5/8 in.	2 5/8 x 2 5/8 in.	10 1/4 x 2 5/8 in.
3098 Egy.	420	Egypt	Egy.	15 5/8 x 2 3/8 in.	2 3/8 x 2 3/8 in.	3 1/2 x 2 3/8 x 2 9/16 x 2 in.

†Furnished in Cast Russwin Metal in Finishes 45H or 45B only or Cast Brass in Finish 9 OE only.

Specify set number, name of design and finish.

For Locks, see pages 278, 281.

Push Buttons, see page 367.

One set in a box, with screws.

For other Grips, see pages 486 to 489.

Entrance Handle Lock Sets

Cast Brass or Bronze



Handle 420
Ellington



Handle 420
Enfield



Handle 422
Enfield



Handle 420
Franklin



Handle 420
Greenwich†

Illustrations One-quarter Size

Lock 11213 with one Handle and Cylinder Collar outside, 1/2 pair Knobs 2383, Rose 12 and Turn Knob 066 1/2 inside

Set Number	Handle No.	Design	Grip No.	Size Over-all	Cylinder Collar	Plates
13013 Ell.	420	Ellington	0745	16 1/2 x 2 5/8 in.	3 7/8 x 2 in.	12 1/4 x 2 5/8 in.
13113 Ell.	421	Ellington	0746	13 1/2 x 2 in.	3 7/8 x 2 in.	8 3/8 x 1 3/4 in.
13013 Enf.	420	Enfield	0778	14 1/2 x 2 1/2 in.	2 1/2 x 2 1/2 in.	2 1/2 x 2 1/4 x 1 1/2 x 1 1/2 in.
13213 Enf.	422	Enfield	0790	14 x 2 1/2 in.	2 1/2 x 2 1/2 in.	2 1/2 x 2 1/4 x 1 1/2 x 1 1/2 in.
13013 Fra.	420	Franklin	0778	14 7/16 x 2 5/16 in.	2 5/16 in.	2 5/16 x 1 3/4 in.
13013 Green.†	420	Greenwich	Green.	13 1/8 x 1 3/4 in.	2 3/8 x 1 11/16 in.	8 11/16 x 1 3/4 in.

Lock 9098 with two Handles and Cylinder Collars, one for each side of door

3098 Ell.	420	Ellington	0745	16 1/2 x 2 5/8 in.	3 7/8 x 2 in.	12 1/4 x 2 5/8 in.
3198 Ell.	421	Ellington	0746	13 1/2 x 2 in.	3 7/8 x 2 in.	8 3/8 x 1 3/4 in.
3098 Enf.	420	Enfield	0778	14 1/2 x 2 1/2 in.	2 1/2 x 2 1/2 in.	2 1/2 x 2 1/4 x 1 1/2 x 1 1/2 in.
3298 Enf.	422	Enfield	0790	14 x 2 1/2 in.	2 1/2 x 2 1/2 in.	2 1/2 x 2 1/4 x 1 1/2 x 1 1/2 in.
3098 Fra.	420	Franklin	0778	14 7/16 x 2 5/16 in.	2 5/16 in.	2 5/16 x 1 3/4 in.

†Cannot be furnished for Store Door Handle Set.

Specify set number, name of design and finish.

For Locks, see pages 278, 281.

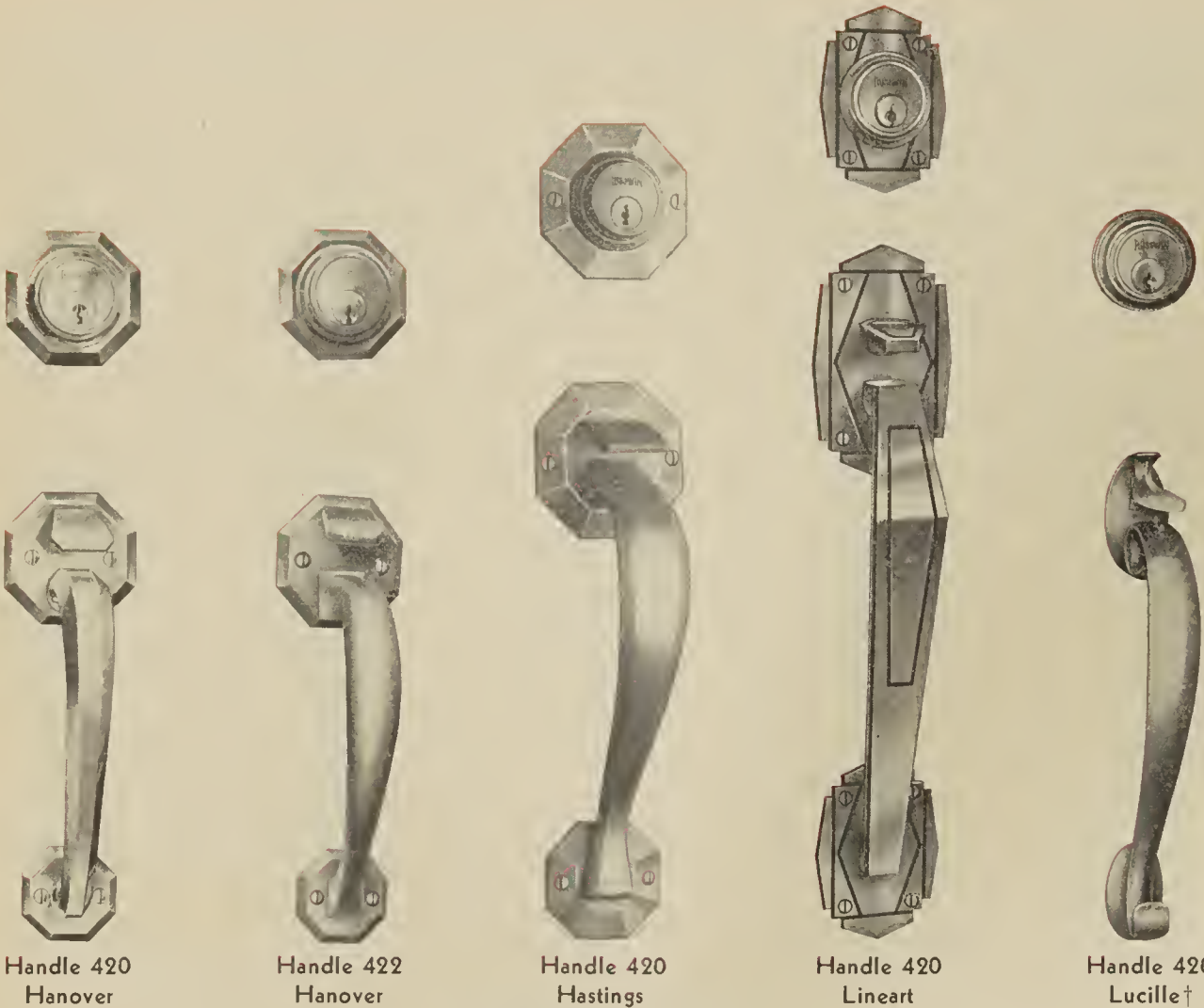
Push Buttons, see page 367.

One set in a box, with screws.

For other Grips, see pages 486, 489.

Entrance Handle Lock Sets

Cast Brass or Bronze



Illustrations One-quarter Size

Lock 11213 with one Handle and Cylinder Collar outside, $\frac{1}{2}$ pair Knobs 2383, Rose 12 and Turn Knob 066 $\frac{1}{2}$ inside

Set Number	Handle No.	Design	Grip No.	Size Over-all	Cylinder Collar	Plates
13013 Han.	420	Hanover	0792	13 $\frac{1}{8}$ x 2 $\frac{3}{8}$ in.	2 $\frac{3}{8}$ x 2 $\frac{3}{8}$ in.	2 $\frac{3}{8}$ x 2 $\frac{3}{8}$ x 1 $\frac{5}{8}$ x 1 $\frac{5}{8}$ in.
13213 Han.	422	Hanover	0798	13 x 2 $\frac{3}{8}$ in.	2 $\frac{3}{8}$ x 2 $\frac{3}{8}$ in.	2 $\frac{3}{8}$ x 2 $\frac{3}{8}$ x 1 $\frac{5}{8}$ x 1 $\frac{5}{8}$ in.
13013 Has.	420	Hastings	0780	15 $\frac{1}{4}$ x 3 $\frac{1}{8}$ in.	2 $\frac{7}{8}$ x 2 $\frac{7}{8}$ in.	2 $\frac{7}{8}$ x 2 $\frac{7}{8}$ x 2 $\frac{1}{8}$ x 2 $\frac{1}{8}$ in.
13013 Lin.	420	Lineart	Lin.	17 $\frac{5}{8}$ x 3 $\frac{1}{2}$ in.	3 $\frac{1}{2}$ x 2 $\frac{7}{16}$ in.	4 $\frac{3}{8}$ x 2 $\frac{1}{16}$ x 3 $\frac{1}{2}$ x 2 $\frac{7}{16}$ in.
13013 Lucille†	420	Lucille	Luc.	13 $\frac{3}{4}$ x 1 $\frac{5}{16}$ in.	1 $\frac{5}{16}$ in.	2 $\frac{1}{4}$ x 1 $\frac{5}{16}$ x 1 $\frac{3}{4}$ x 1 $\frac{1}{8}$ in.

Lock 9098 with two Handles and Cylinder Collars, one for each side of door

3098 Han.	420	Hanover	0792	13 $\frac{1}{8}$ x 2 $\frac{3}{8}$ in.	2 $\frac{3}{8}$ x 2 $\frac{3}{8}$ in.	2 $\frac{3}{8}$ x 2 $\frac{3}{8}$ x 1 $\frac{5}{8}$ x 1 $\frac{5}{8}$ in.
3298 Han.	422	Hanover	0789	13 x 2 $\frac{3}{8}$ in.	2 $\frac{3}{8}$ x 2 $\frac{3}{8}$ in.	2 $\frac{3}{8}$ x 2 $\frac{3}{8}$ x 1 $\frac{5}{8}$ x 1 $\frac{5}{8}$ in.
3098 Has.	420	Hastings	0780	15 $\frac{1}{4}$ x 3 $\frac{1}{8}$ in.	2 $\frac{7}{8}$ x 2 $\frac{7}{8}$ in.	2 $\frac{7}{8}$ x 2 $\frac{7}{8}$ x 2 $\frac{1}{8}$ x 2 $\frac{1}{8}$ in.
3098 Lin.	420	Lineart	Lin.	17 $\frac{5}{8}$ x 3 $\frac{1}{2}$ in.	3 $\frac{1}{2}$ x 2 $\frac{7}{16}$ in.	4 $\frac{3}{8}$ x 2 $\frac{1}{16}$ x 3 $\frac{1}{2}$ x 2 $\frac{7}{16}$ in.

†Cannot be furnished for Store Door Handle Set.

Specify set number, name of design and finish.

For Locks, see pages 278, 281.

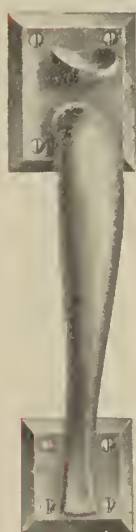
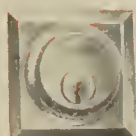
Push Buttons, see page 367.

One set in a box, with screws.

For other Grips, see pages 486, to 489.

Entrance Handle Lock Sets

Cast Brass or Bronze



Handle 420
Laredo

Handle 420
Lenox

Handle 422
Lenox

Handle 420
Modart

Handle 420
Modre

Illustrations One-quarter Size

Lock 11213 with one Handle and Cylinder Collar outside, 1/2 pair Knobs, 2383, Rose 12 and Turn Knob 066 1/2 inside

Set Number	Handle No.	Design	Grip No.	Size Over-all	Cylinder Collar	Plates
13013 Lar.	420	Laredo	0793	12 7/8 x 2 1/2 in.	2 1/2 x 2 5/8 in.	2 3/4 x 2 1/2 x 2 x 1 5/8 in.
13013 Lnx.	420	Lenox	0799	13 3/4 x 2 1/4 in.	2 1/4 x 2 1/4 in.	2 3/4 x 2 1/4 x 2 x 2 in.
13213 Lnx.	422	Lenox	0789	13 x 2 1/4 in.	2 1/4 x 2 1/4 in.	2 3/4 x 2 1/4 x 2 x 2 in.
13313 Lnx.	423	Lenox	0790	13 3/4 x 2 1/4 in.	2 1/4 x 2 1/4 in.	2 3/4 x 2 1/4 x 2 x 2 in.
13013 Modart	420	Modart	0795	16 x 2 1/4 in.	2 3/4 x 2 1/4 in.	3 7/8 x 2 1/4 x 2 7/8 x 1 3/4 in.
13013 Modre	420	Modre	0785	16 x 2 1/2 in.	3 x 2 1/4 in.	4 x 2 1/2 x 3 x 2 in.

Lock 9098 with two Handles and Cylinder Collars, one for each side of door

3098 Lar.	420	Laredo	0793	12 7/8 x 2 1/2 in.	2 1/2 x 2 5/8 in.	2 3/4 x 2 1/2 x 2 x 1 5/8 in.
3098 Lnx.	420	Lenox	0799	13 3/4 x 2 1/4 in.	2 1/4 x 2 1/4 in.	2 3/4 x 2 1/4 x 2 x 2 in.
3298 Lnx.	422	Lenox	0798	13 x 2 1/4 in.	2 1/4 x 2 1/4 in.	2 3/4 x 2 1/4 x 2 x 2 in.
3398 Lnx.	423	Lenox	0790	13 3/4 x 2 1/4 in.	2 1/4 x 2 1/4 in.	2 3/4 x 2 1/4 x 2 x 2 in.
3098 Modart	420	Modart	0795	16 x 2 1/4 in.	2 3/4 x 2 1/4 in.	3 7/8 x 2 1/4 x 2 7/8 x 1 3/4 in.
3098 Modre	420	Modre	0785	16 x 2 1/2 in.	3 x 2 1/4 in.	4 x 2 1/2 x 3 x 2 in.

Specify set number, name of design and finish.

For Locks, see pages 278, 281.

Push Buttons, see page 367.

One set in a box, with screws.

For other Grips, see pages 486 to 489.

Entrance Handle Lock Sets

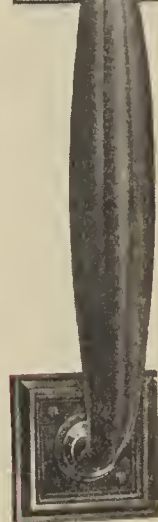
Cast Brass or Bronze



Handle 420
Newton



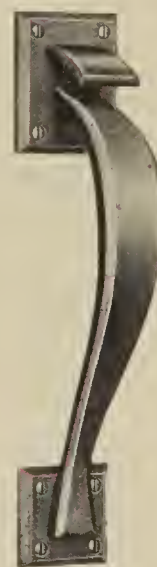
Handle 421
Newton



Handle 421
Niantic



Handle 420
Niantic



Handle 420
Pemberton

Illustrations One-quarter Size

Lock 11213 with one Handle and Cylinder Collar outside, 1/2 pair Knobs 2383, Rose 12 and Turn Knob 066 1/2 inside

Set Number	Handle No.	Design	Grip No.	Size Over-all	Cylinder Collar	Plates
13013 Ntn.	420	Newton	071	15 1/4 x 2 3/8 in.	3 3/4 x 2 1/8 in.	10 1/2 x 2 3/8 in.
13113 Ntn.	421	Newton	072	14 x 2 1/8 in.	3 3/4 x 2 1/8 in.	9 1/4 x 1 7/8 in.
13013 Ntic.	420	Niantic	774	14 1/4 x 2 1/2 in.	2 1/2 x 2 1/2 in.	3 7/8 x 2 1/2 x 1 7/8 x 1 7/8 in.
13113 Ntic.	421	Niantic	776 3/4	17 1/4 x 2 1/2 in.	2 1/2 x 2 1/2 in.	3 7/8 x 2 1/2 x 2 1/2 x 2 1/2 in.
13013 Pem.	420	Pemberton	0780	14 3/8 x 2 3/8 in.	2 3/8 x 2 3/8 in.	2 1/2 x 2 x 1 3/4 x 1 3/4 in.

Lock 9098 with two Handles and Cylinder Collars, one for each side of door

3098 Ntn.	420	Newton	071	15 1/4 x 2 3/8 in.	3 3/4 x 2 1/8 in.	10 1/2 x 2 3/8 in.
3198 Ntn.	421	Newton	072	14 x 2 1/8 in.	3 3/4 x 2 1/8 in.	9 1/4 x 1 7/8 in.
3098 Ntic.	420	Niantic	774	14 1/4 x 2 1/2 in.	2 1/2 x 2 1/2 in.	3 7/8 x 2 1/2 x 1 7/8 x 1 7/8 in.
3198 Ntic.	421	Niantic	776 3/4	17 1/4 x 2 1/2 in.	2 1/2 x 2 1/2 in.	3 7/8 x 2 1/2 x 2 1/2 x 2 1/2 in.
3098 Pem.	420	Pemberton	0780	14 3/8 x 2 3/8 in.	2 3/8 x 2 3/8 in.	2 1/2 x 2 x 1 3/4 x 1 3/4 in.

Specify set number, name of design and finish.

For Locks, see pages 278, 281.

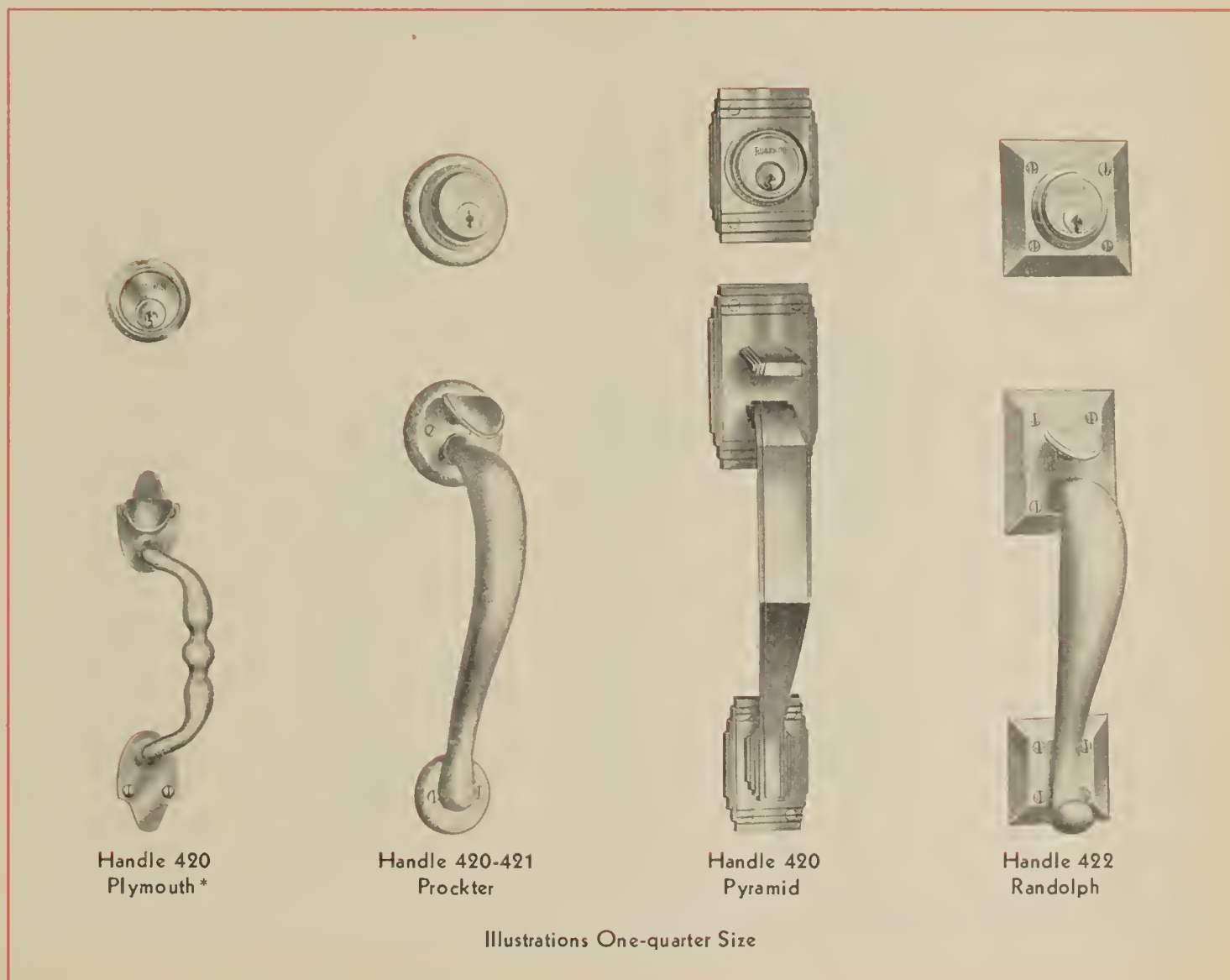
Push Buttons, see page 367.

One set in a box, with screws.

For other Grips, see pages 486 to 489.

Entrance Handle Lock Sets

Cast Brass or Bronze



Lock 11213 with one Handle and Cylinder Collar outside, 1/2 pair Knobs 2383, Rose 12 and Turn Knob 0661/2 inside

Set Number	Handle No.	Design	Grip No.	Size Over-all	Cylinder Collar	Plates
13013 Ply.*	420	Plymouth	Ply.	12 1/4 x 1 3/8 in.	A	2 1/4 x 1 3/8 x 2 1/4 x 1 3/8 in.
13013 Proc.	420	Prockter	0778	14 x 2 1/4 in.	2 1/4 in.	2 3/8 x 1 3/4 in.
13113 Proc.	421	Prockter	0777	12 1/2 x 2 1/4 in.	2 1/4 in.	2 3/8 x 1 3/4 in.
13013 Pyr.	420	Pyramid	0795	16 1/8 x 2 1/4 in.	3 1/4 x 2 1/4 in.	4 x 2 1/4 x 2 7/8 x 1 3/4 in.
13213 Rai .	422	Randolph	0790	14 1/4 x 3 in.	3 x 3 in.	3 1/8 x 2 1/2 x 2 1/4 x 2 1/4 in.

Lock 9098 with two Handles and Cylinder Collars, one for each side of door

3098 Ply.*	420	Plymouth	Ply.	12 1/4 x 1 3/8 in.	A	2 1/4 x 1 3/8 x 2 1/4 x 1 3/8 in.
3098 Proc.	420	Prockter	0778	14 x 2 1/4 in.	2 1/4 in.	2 3/8 x 1 3/4 in.
3198 Proc.	421	Prockter	0777	12 1/2 x 2 1/4 in.	2 1/4 in.	2 3/8 x 1 3/4 in.
3098 Pyr.	420	Pyramid	0795	16 1/8 x 2 1/4 in.	3 1/4 x 2 1/4 in.	4 x 2 1/4 x 2 7/8 x 1 3/4 in.
3298 Ran.	422	Randolph	0790	14 1/4 x 3 in.	3 x 3 in.	3 1/8 x 2 1/2 x 2 1/4 x 2 1/4 in.

Specify set number, name of design and finish.

*Specify hand.

One set in a box, with screws.

For Locks, see pages 278, 281.

Push Buttons, see page 367.

For other Grips, see pages 486 to 489.

Entrance Handle Lock Sets

Cast Brass or Bronze



Handle 5420
San Diego

Handle 5420
San Jose

Handle 420
Saybrook

Handle 422
Saybrook

Handle 420
Schuyler

Illustrations One-quarter Size

Lock 11213 with one Handle and Cylinder Collar outside, 1/2 pair Knobs 2383, Rose 12 and Turn Knob 066 1/2 inside

Set Number	Handle No.	Design	Grip No.	Size Over-all	Cylinder Collar	Plates
54013 San Diego†	5420	San Diego	....	14 1/2 x 2 1/16 in.	2 1/16 in.	2 7/8 x 2 in.
54013 San Jose†	5420	San Jose	....	15 x 2 9/16 in.	3 9/16 x 2 7/16 in.	4 1/4 x 2 9/16 x 3 5/16 x 1 7/8 in.
13013 Say.	420	Saybrook	0779	15 1/8 x 3 in.	2 3/4 in.	3 x 1 7/8 in.
13213 Say.	422	Saybrook	0790	14 1/8 x 3 in.	2 3/4 in.	3 x 1 7/8 in.
13013 Sch.	420	Schuyler	....	9 3/8 x 2 1/2 in.	2 7/16 x 2 5/8 in.	.....

Lock 9098 with two Handles and Cylinder Collars, one for each side of door

5498 San Diego†	5420	San Diego	....	14 1/2 x 2 1/16 in.	2 1/16 in.	2 7/8 x 2 in.
5498 San Jose†	5420	San Jose	....	15 x 2 9/16 in.	3 9/16 x 2 7/16 in.	4 1/4 x 2 9/16 x 3 5/16 x 1 7/8 in.
3098 Say.	420	Saybrook	0779	15 1/8 x 3 in.	2 3/4 in.	3 x 1 7/8 in.
3298 Say.	422	Saybrook	0790	14 1/8 x 3 in.	2 3/4 in.	3 x 1 7/8 in.
3098 Sch.	420	Schuyler	....	9 3/8 x 2 1/2 in.	2 7/16 x 2 5/8 in.	.....

†Furnished in Cast Russwin Metal in Finishes 45H or 45B only or Cast Brass in Finish 9 OE only.

Specify set number, name of design and finish.

For Locks, see pages 278, 281.

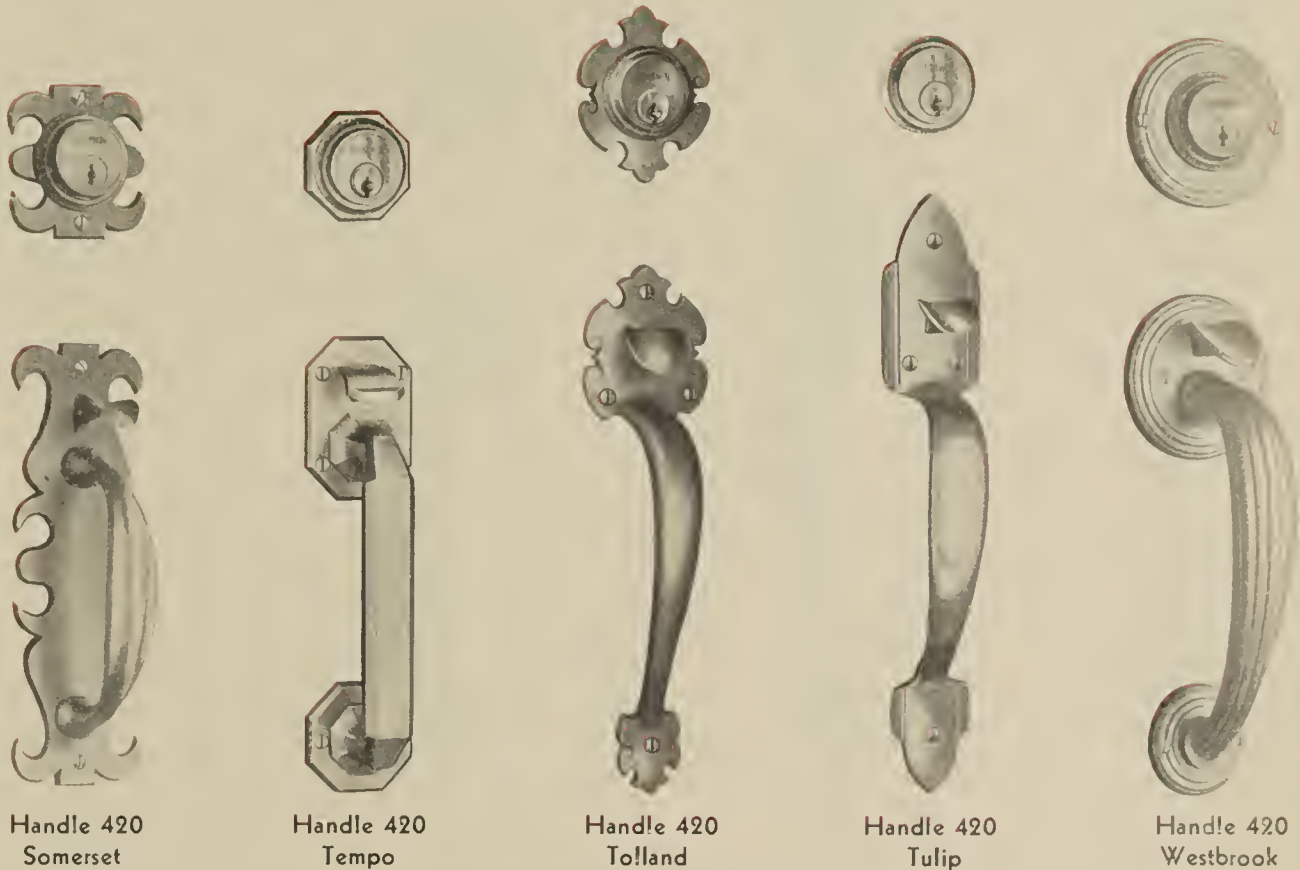
Push Buttons, see page 367.

One set in a box, with screws.

For other Grips, see pages 486 to 489.

Entrance Handle Lock Sets

Cast Brass or Bronze



Illustrations One-quarter Size

Lock 11213 with one Handle and Cylinder Collar outside, 1/2 pair Knobs 2383, Rose 12 and Turn Knob 0661 1/2 inside

Set Number	Handle No.	Design	Grip No.	Size Over-all	Cylinder Collar	Plates
13013 Som.	420	Somerset	027	12 1/4 x 2 5/8 in.	2 3/4 x 2 5/8 in.	7 3/4 x 2 5/8 in.
13013 Tempo	420	Tempo	Tempo	13 x 2 1/16 in.	2 1/16 x 2 1/16 in.	3 1/16 x 2 1/16 x 2 1/16 x 2 1/16 in.
13013 Tolland	420	Tolland	Tolland	14 1/8 x 2 3/8 in.	3 1/8 x 2 1/2 in.	9 3/8 x 2 3/8 in.
13013 Tulip	420	Tulip	Tulip	13 15/16 x 1 7/8 in.	1 3/4 in.	10 3/4 x 1 7/8 in.
13013 Westbrook	420	Westbrook	774	14 x 3 in.	2 3/4 in.	3 x 2 in.

Lock 9098 with two Handles and Cylinder Collars, one for each side of door

3098 Som.	420	Somerset	027	12 1/4 x 2 5/8 in.	2 3/4 x 2 5/8 in.	7 3/4 x 2 5/8 in.
3098 Tempo	420	Tempo	Tempo	13 x 2 1/16 in.	2 1/16 x 2 1/16 in.	3 1/16 x 2 1/16 x 2 1/16 x 2 1/16 in.
3098 Tolland	420	Tolland	Tolland	14 1/8 x 2 3/8 in.	3 1/8 x 2 1/2 in.	9 3/8 x 2 3/8 in.
3098 Tulip	420	Tulip	Tulip	13 15/16 x 1 7/8 in.	1 3/4 in.	10 3/4 x 1 7/8 in.
3098 Westbrook	420	Westbrook	774	14 x 3 in.	2 3/4 in.	3 x 2 in.

Specify number, design and finish.
For Lock, see page 278.

Push Buttons, see page 367.

One set in a box, with screws.
For other Grips, see pages 485 to 489.

Entrance Handle Lock Sets

Cast Brass or Bronze



Illustrations One-quarter Size

Lock 11213 with one Handle and Cylinder Collar outside, $\frac{1}{2}$ pair Knobs 2383, Rose 12 and Turn Knob 066 $\frac{1}{2}$ inside

Set Number	Handle No.	Design	Size Over-all	Cylinder Collar	Plates
54013 Wales†	5420	Wales	18 $\frac{3}{4}$ x 3 $\frac{1}{2}$ in.	3 $\frac{1}{8}$ x 2 $\frac{1}{2}$ in.	5 $\frac{3}{8}$ x 3 $\frac{1}{2}$ x 3 $\frac{7}{8}$ x 2 $\frac{1}{2}$ in.
54113 Wales†	5421	Wales	16 $\frac{1}{2}$ x 3 in.	3 $\frac{1}{8}$ x 2 $\frac{1}{2}$ in.	4 $\frac{1}{2}$ x 3 x 3 $\frac{1}{4}$ x 2 $\frac{1}{4}$ in.
54013 Warden†	5420	Warden	16 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	4 $\frac{1}{8}$ x 2 $\frac{1}{8}$ in.	5 x 2 $\frac{1}{2}$ in.
54013 Wind.†	5420	Windham	14 $\frac{1}{8}$ x 2 $\frac{3}{8}$ in.	3 $\frac{1}{8}$ x 2 $\frac{1}{2}$ in.	9 $\frac{3}{8}$ x 2 $\frac{3}{8}$ in.
13013 Zephyr	420	Zephyr	12 $\frac{1}{2}$ x 1 $\frac{7}{16}$ in.	1 $\frac{1}{2}$ in.	2 $\frac{5}{16}$ x 1 $\frac{7}{16}$ x 1 $\frac{7}{16}$ in.

Lock 9098 with two Handles and Cylinder Collars, one for each side of door

5498 Wales†	5420	Wales	18 $\frac{3}{4}$ x 3 $\frac{1}{2}$ in.	3 $\frac{1}{8}$ x 2 $\frac{1}{2}$ in.	5 $\frac{3}{8}$ x 3 $\frac{1}{2}$ x 3 $\frac{7}{8}$ x 2 $\frac{1}{2}$ in.
5498 Warden†	5420	Warden	16 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	4 $\frac{1}{8}$ x 2 $\frac{1}{8}$ in.	5 x 2 $\frac{1}{2}$ in.
5498 Windham†	5420	Windham	14 $\frac{1}{8}$ x 2 $\frac{3}{8}$ in.	3 $\frac{1}{8}$ x 2 $\frac{1}{2}$ in.	9 $\frac{3}{8}$ x 2 $\frac{3}{8}$ in.
3098 Zephyr	420	Zephyr	12 $\frac{1}{2}$ x 1 $\frac{7}{16}$ in.	1 $\frac{1}{2}$ in.	2 $\frac{5}{16}$ x 1 $\frac{7}{16}$ x 1 $\frac{7}{16}$ in.

†Furn'ished in Cast Russwin Metal in Finishes 45H or 45B only or Cast Brass in Finish 9 OE only.

Specify set number, name of design and finish.

For Locks, see pages 278, 281.

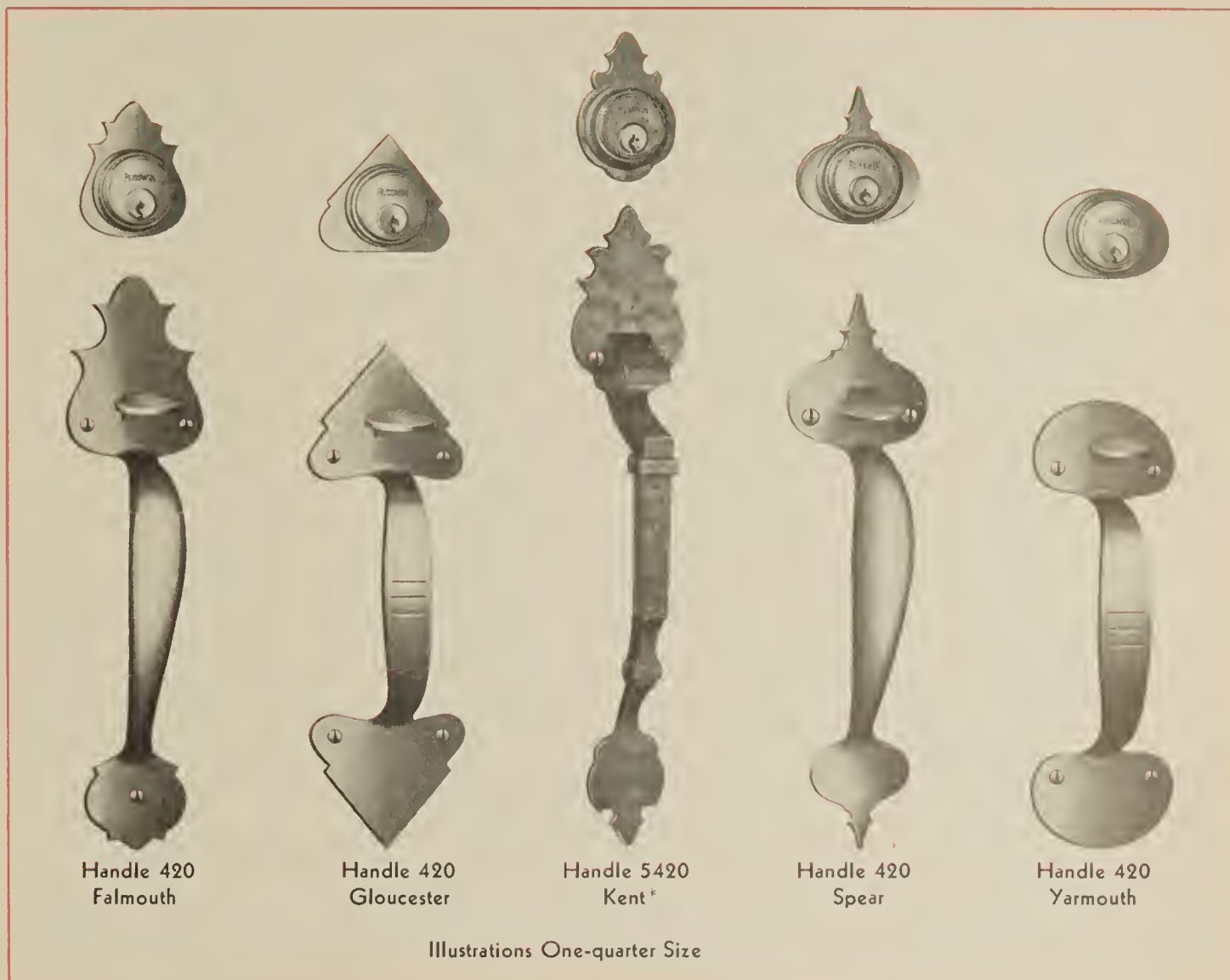
Push Buttons, see page 367.

One set in a box, with screws.

For other Grips, see pages 486 to 489.

Entrance Handle Lock Sets

Cast Brass or Bronze



Handle 420
Falmouth

Handle 420
Gloucester

Handle 5420
Kent*

Handle 420
Spear

Handle 420
Yarmouth

Illustrations One-quarter Size

Lock 11213 with one Handle and Cylinder Collar outside, 1/2 pair Knobs 2383, Rose 12 and Turn Knob 066 1/2 inside

Set Number	Handle No.	Design	Grip No.	Size Over-all	Cylinder Collar	Plates
13013 Fal.	420	Falmouth	Fal.	15 1/4 x 2 13/16 in.	2 3/4 x 2 3/16 in.	11 3/4 x 2 3/16 in.
13013 Glou.	420	Gloucester	Glou.	14 5/8 x 3 3/16 in.	2 3/8 x 2 5/8 in.	10 3/8 x 3 3/16 in.
13013 Yar.	420	Yarmouth	Yar.	13 1/2 x 2 7/8 in.	1 7/8 x 2 5/8 in.	9 1/4 x 2 7/8 in.
54013 Kent*	5420	Kent	Kent	16 7/8 x 2 3/8 in.	3 1/8 x 2 1/8 in.	13 3/8 x 2 3/8 in.
13013 Spear	420	Spear	Spear	15 3/4 x 2 7/8 in.	2 7/8 x 2 5/8 in.	11 1/2 x 2 7/8 in.

Specify set number, name of design and finish.

For Locks, see pages 278, 281.

Push Buttons, see page 367.

One set in a box, with screws.

For other Grips, see pages 486, 489.

*Furnished in Cast Russwin Metal in Finishes 45H or 45B only or Cast Brass in Finish 9OE only.

Entrance Handle Lock Sets

Cast Brass or Bronze



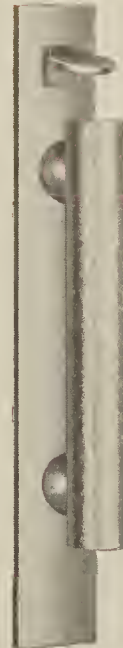
Handle 420
Comet



Handle 420
Rocket



Handle 420
Tide



Handle 420
Tower

Illustrations One-quarter Size

Lock 11213 with one Handle and Cylinder Collar outside, 1/2 pair Knobs 2383, Rose 12 and Turn Knob 066 1/2 inside

Set Number	Handle No.	Design	Grip No.	Size Over-all	Cylinder Collar	Plates
13013 Com.	420	Comet	Comet	14 7/8 x 2 15/16 in.	1 1/2 in.	2 15/16 x 1 1/2 in.
13013 Rocket	420	Rocket	Rocket	16 1/2 x 1 1/2 in.	2 1/4 x 1 1/2 in.	12 1/8 x 1 1/2 in.
13013 Tide	420	Tide	Tide	14 3/4 x 1 1/2 in.	2 1/4 x 1 1/2 in.	11 1/4 x 1 1/2 in.
13013 Tower	420	Tower	Tower	15 x 1 1/2 in.	2 1/4 x 1 1/2 in.	11 1/2 x 1 1/2 in.

Lock 9098 with two Handles complete with Cylinder Collars, one for each side of door

3098 Comet	420	Comet	Comet	14 7/8 x 2 15/16 in.	1 1/2 in.	2 15/16 x 1 1/2 in.
3098 Rocket	420	Rocket	Rocket	16 1/2 x 1 1/2 in.	2 1/4 x 1 1/2 in.	12 1/8 x 1 1/2 in.
3098 Tide	420	Tide	Tide	14 3/4 x 1 1/2 in.	2 1/4 x 1 1/2 in.	11 1/4 x 1 1/2 in.
3098 Tower	420	Tower	Tower	15 x 1 1/2 in.	2 1/4 x 1 1/2 in.	11 1/2 x 1 1/2 in.

Specify set number, name of design and finish.

For Locks, see pages 278, 281.

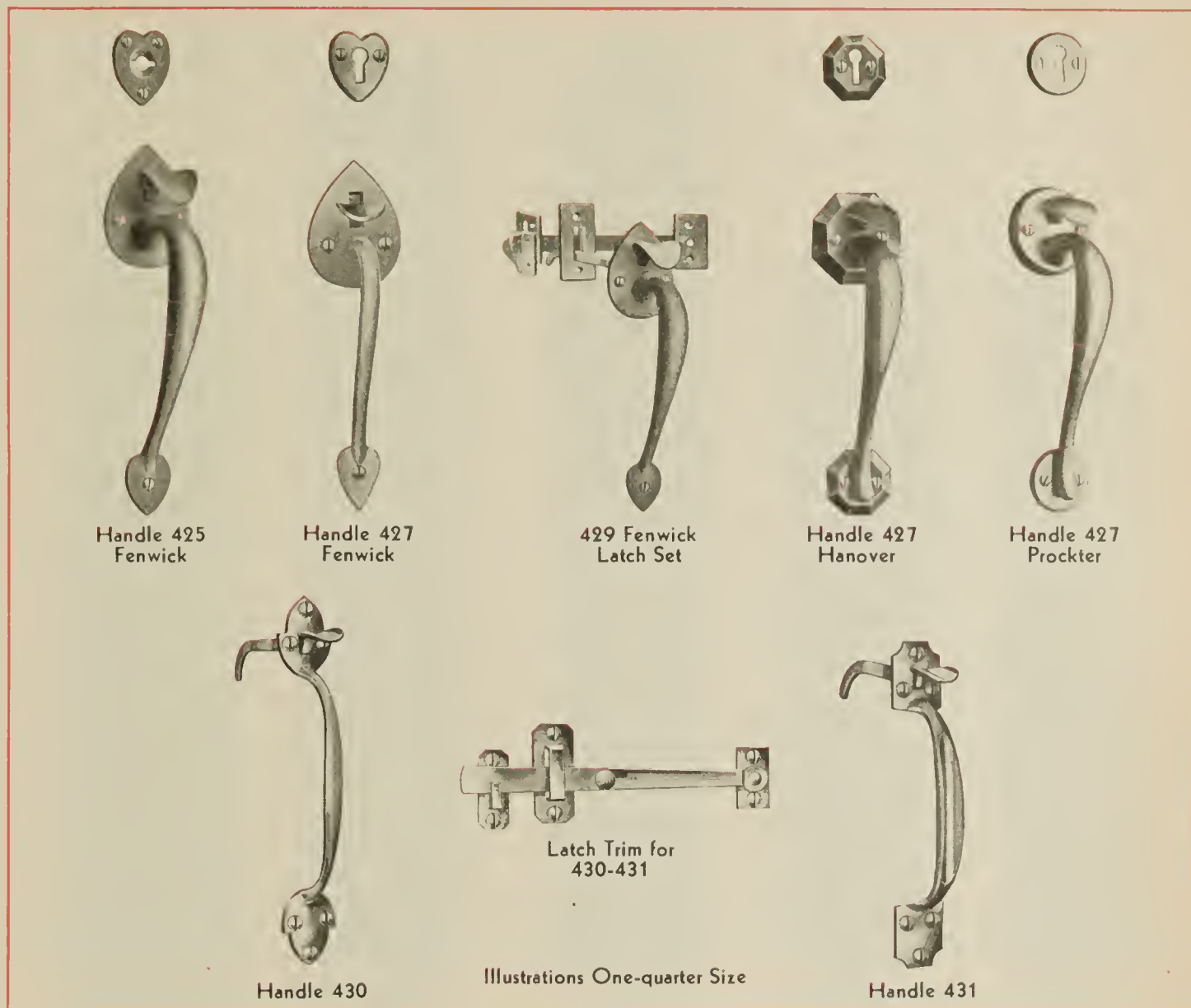
Push Buttons, see page 367.

One set in a box, with screws.

For other Grips, see pages 486 to 489.

Door Handles, Latch and Lock Sets

Cast Brass or Bronze



For Entrance Doors

Set Number	One Pair Handles	Size	Grip	Two Key Plates	Lock
3139 Fen.	425 Fenwick	7½ x 1⅞ in.	....	923, 1⅝ x 1¼ in.	139

For Residence Inside Doors

3148¾ Fen.	427 Fenwick	7 x 1⅞ in.	....	926, 1⅜ x 1¼ in.	348¾
3148¾ Han.	427 Hanover	6¾ x 2 in.	0776	925, 1⅜ x 1⅜ in.	348¾
3148¾ Proc.	427 Prockter	6¾ x 2 in.	0776	926, 1⅜ in.	348¾

Surface Latch Sets—With Handle outside and Latch Trim inside

Set Number	Size	Description
429 Fen.	7½ x 1⅞ in.	Cast Brass or Bronze Handle and Latch Trim.
430 —	7⅞ x 1¼ in.	Cast Brass or Bronze Handle and Latch Trim.
431 —	6½ x 1⅞ in.	Cast Brass or Bronze Handle and Latch Trim.

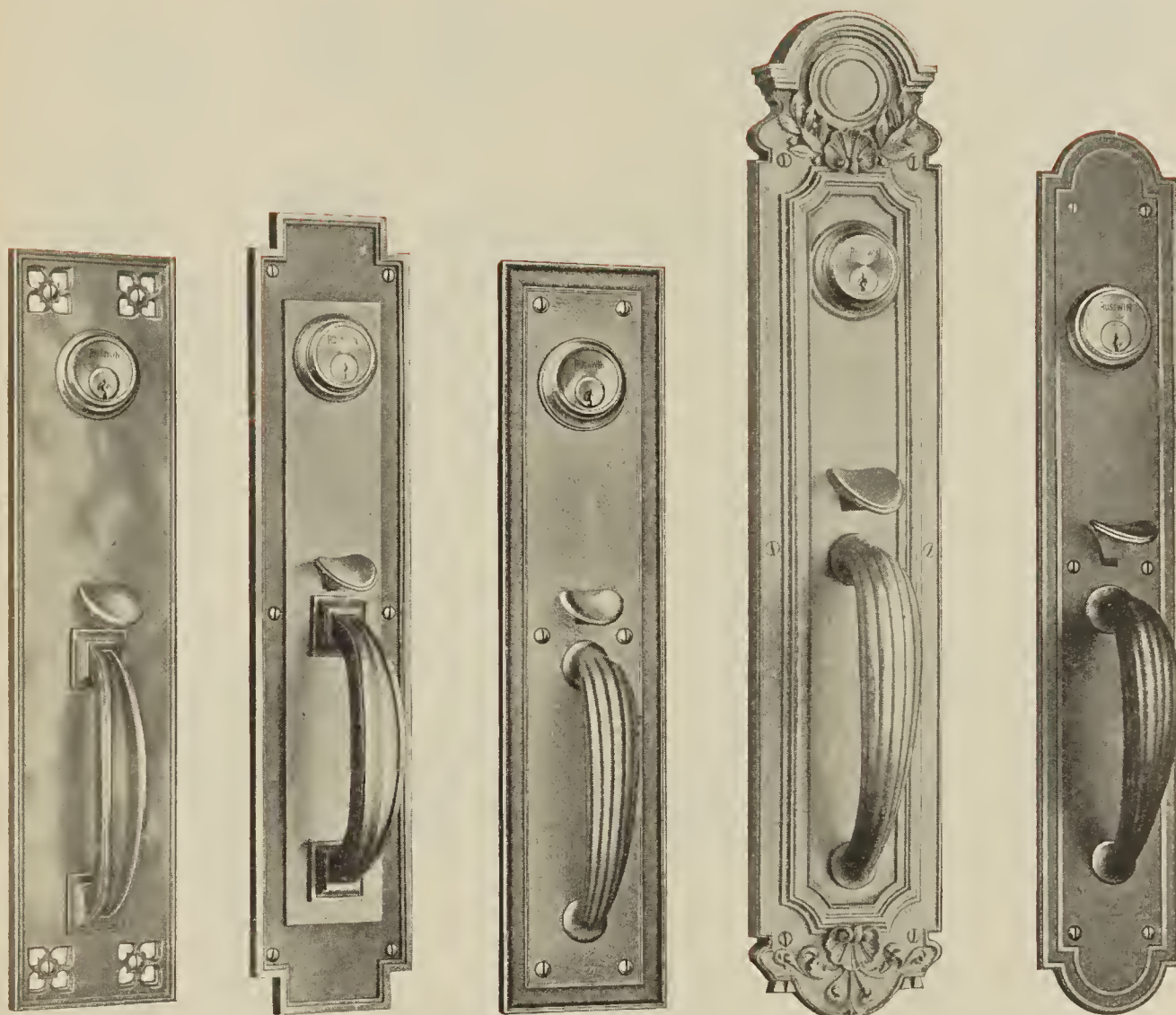
Specify set number, name of design and finish.

For Locks, see page 279.

One set in a box, with screws.

Entrance Handle Lock Sets

Cast Brass or Bronze



Handle 410
Alamo

Handle 410
Andros

Handle 410
Ardsley

Handle 410
Beaumont

Handle 410
Camden

Illustrations One-quarter Size

Lock 9098 complete with Handles, one for each side of door

Set Number	Handle Number	Design	Grips	Size of Plate
1098 Alamo	410	Alamo	773	15 x 3½ in.
1098 And.	410	Andros	780	16 x 3½ in.
1098 Ards.	410	Ardsley	773	15 x 3½ in.
1098 Beau.	410	Beaumont	774	20¼ x 4 in.
1098 Cam.	410	Camden	773	17¾ x 3 in.

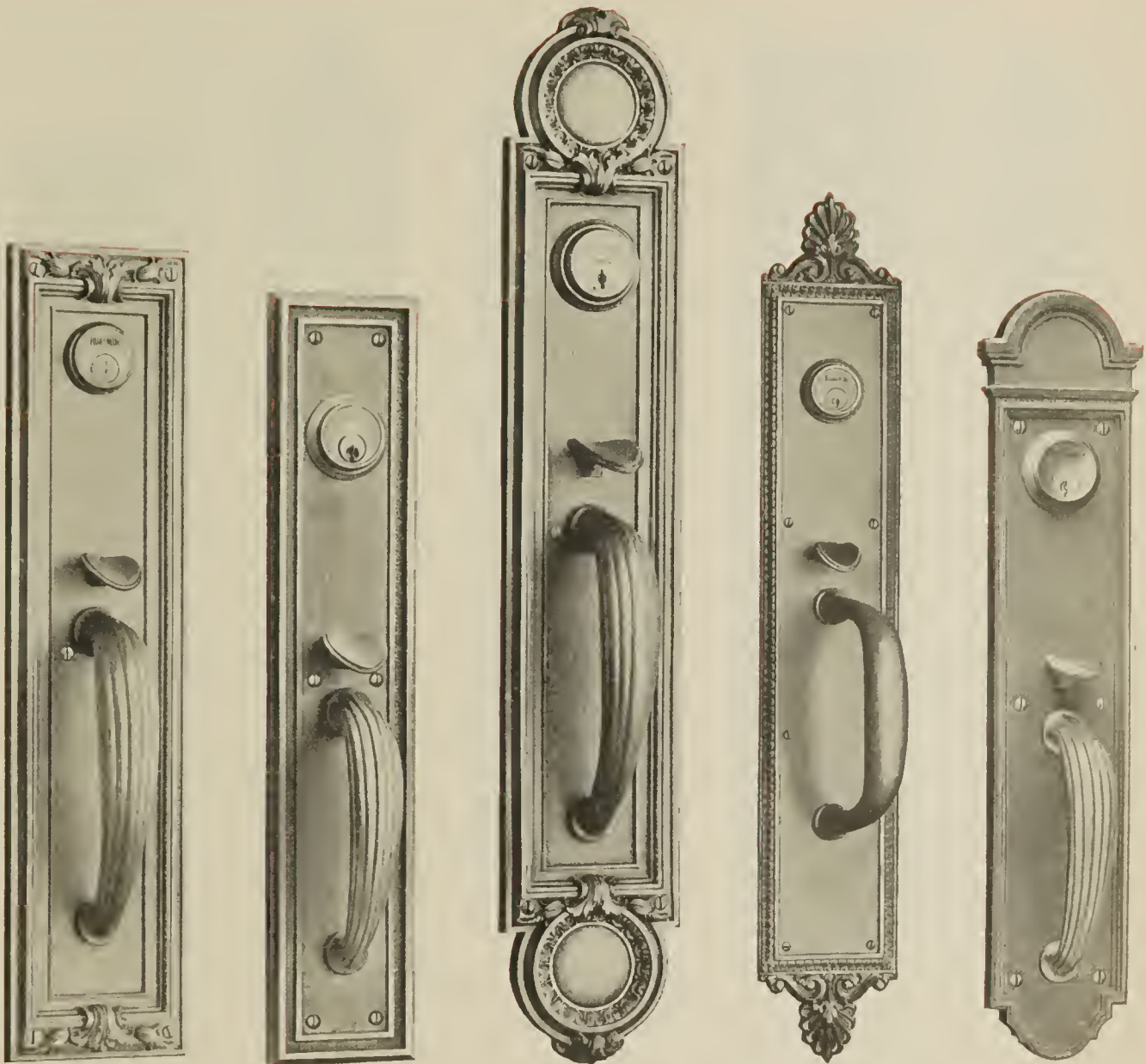
Specify set number, name of design and finish.

One set in a box, with screws.

For Locks, see page 281.

Entrance Handle Lock Sets

Cast Brass or Bronze



Handle 410
Ceres

Handle 410
Copley

Handle 410
Darcy

Handle 410
Dupont

Handle 410
Elliott

Illustrations One-quarter Size

Lock 9098 complete with Handles, one for each side of door

Set Number	Handle Number	Design	Grips	Size of Plate
1098 Cer.	410	Ceres	774	17 x 4 in.
1098 Cop.	410	Copley	773	16 x 3¼ in.
1098 Dcy.	410	Darcy	774	22¼ x 4 in.
1098 Dup.	410	Dupont	074	18 x 3 in.
1098 Elt.	410	Elliott	773	16½ x 3¾ in.

Specify set number, name of design and finish.

One set in a box, with screws.

For Locks, see page 281.

Entrance Handle Lock Sets

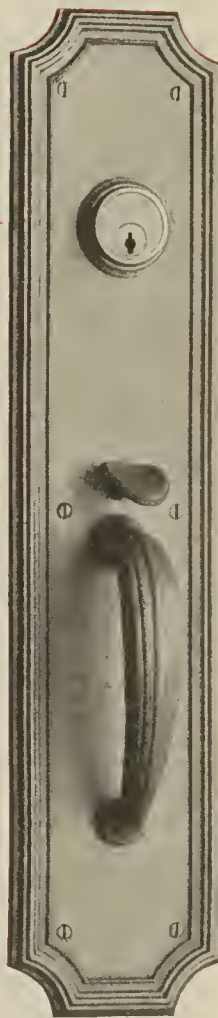
Cast Brass or Bronze



Handle 410
Granby



Handle 410
Hadrian



Handle 410-412
Madison



Handle 410
Malos



Handle 410
Niantic

Illustrations One-quarter Size

Lock 9098 complete with Handles, one for each side of door

Set Number	Handle Number	Design	Grips	Size of Plate
1098 Gby.	410	Granby	773	15 x 3 in.
1098 Had.	410	Hadrian	0796	18 x 4 in.
1098 Mad.	410	Madison	773	18 x 4 in.
1298 Mad.	412	Madison	773	16 x 3 in.
1098 Mal.	410	Malos	773	18 $\frac{3}{4}$ x 3 in.
1098 Ntic.	410	Niantic	773	16 $\frac{1}{4}$ x 3 $\frac{1}{2}$ in.

Specify set number, name of design and finish.

One set in a box, with screws.

For Locks, see page 281.

Entrance Handle Lock Sets

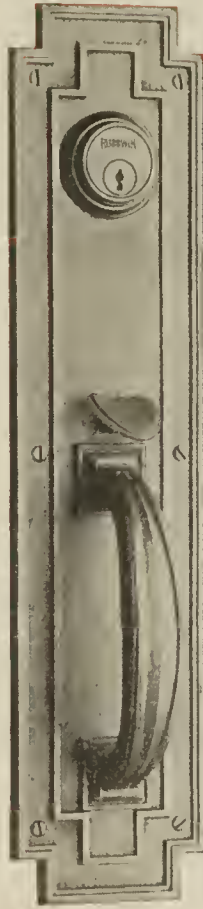
Cast Brass or Bronze



Handle 410
Olympus



Handle 410
Pyramid



Handle 410
Thetis



Handle 410
Toulon



Handle 410
Vignola

Illustrations One-quarter Size

Lock 9098 complete with Handles, one for each side of door

Set Number	Handle Number	Design	Grips	Size of Plate
1098 Olmp.	410	Olympus	773	16 x 3 in.
1098 Pyr.	410	Pyramid	0795½	15 x 3½ in.
1098 The.	410	Thetis	780	15 x 3½ in.
1098 Tou.	410	Toulon	773	19¼ x 3½ in.
1098 Vig.	410	Vignola	774	20 x 3¾ in.

Specify set number, name of design and finish.

One set in a box, with screws.

For Locks, see page 281

Entrance Handle Lock Sets

Cast Brass or Bronze



Handle 410
Randolph



Handle 414
Randolph



Handle 410
Warwick

Illustrations One-quarter Size

Lock 9098 complete with Handles, one for each side of door

Set Number	Handle Number	Design	Grips	Size of Plate
1098 Rand.	410	Randolph	076	17 x 3½ in.
1498 Rand.	414	Randolph	0790	18 x 4 in.
1098 War.	410	Warwick	781	22 x 4 in.

Specify set number, name of design and finish.

One set in a box, with screws.

For Locks, see page 281.

Entrance Handle Lock Sets

Cast Brass or Bronze



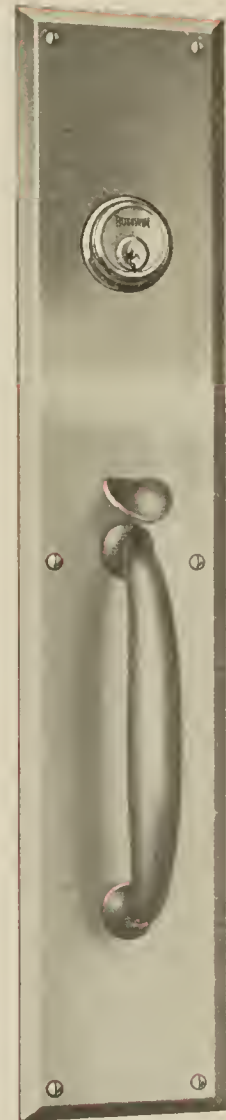
Handle 414
Enfield



Handle 410
Lenox



Handle 414-416
Lenox



Handle 417
Lenox

Illustrations One-quarter Size

Lock 9098 complete with Handles, one for each side of door

Set Number	Handle Number	Design	Grips	Size of Plate
1498 En.	414	Enfield	076	15 x 3 in.
1098 Lnx.	410	Lenox	074	14 x 2 ⁵ / ₈ in.
1498 Lnx.	414	Lenox	076	15 x 3 in.
1698 Lnx.	416	Lenox	076	17 x 3 ¹ / ₂ in.
1798 Lnx.	417	Lenox	076 ¹ / ₄	20 x 4 in.

Specify set number, name of design and finish.

One set in a box, with screws.

For Locks, see page 281.

Entrance Handle Lock Sets

Wrought Brass, Bronze or Steel



Handle 410
Berkeley



Handle 412
Berkeley



Handle 412
Roxbury



Handle 2257

Illustrations One-quarter Size

Lock 9098 complete with Handles, one for each side of door

Set Number	Handle Number	Design	Grips	Size of Plates	Plates
1098 Berk.	410	Berkeley	074	14 x 3 in.	Wrought Brass or Bronze
1298 Berk.	412	Berkeley	0777	14 x 3 in.	Wrought Brass or Bronze
1298 Rox.	412	Roxbury	074	12 x 3 in.	Wrought Brass or Bronze

Plates, extra heavy, Wrought Steel, Japanned Finish, especially adapted for Mill Doors,
with Lock 9132, complete with Handles, one for each side of door

Set Number	Handle Number	Grips	Size of Plates	Plates
2132*	2257	2257	20 x 4 in.	Wrought Steel

*Specify hand.

Specify set number, name of design and finish.

One set in a box, with screws.

For Locks, see page 281.

Entrance Handle Lock Sets

Wrought Brass or Bronze



Handle 410
Hull

Illustrations One-quarter Size

Lock 9098 complete with Handles, one for each side of door

Set Number	Handle Number	Design	Grips	Size of Plate
1098 Hull	410	Hull	772½	14 x 2⅞ in.

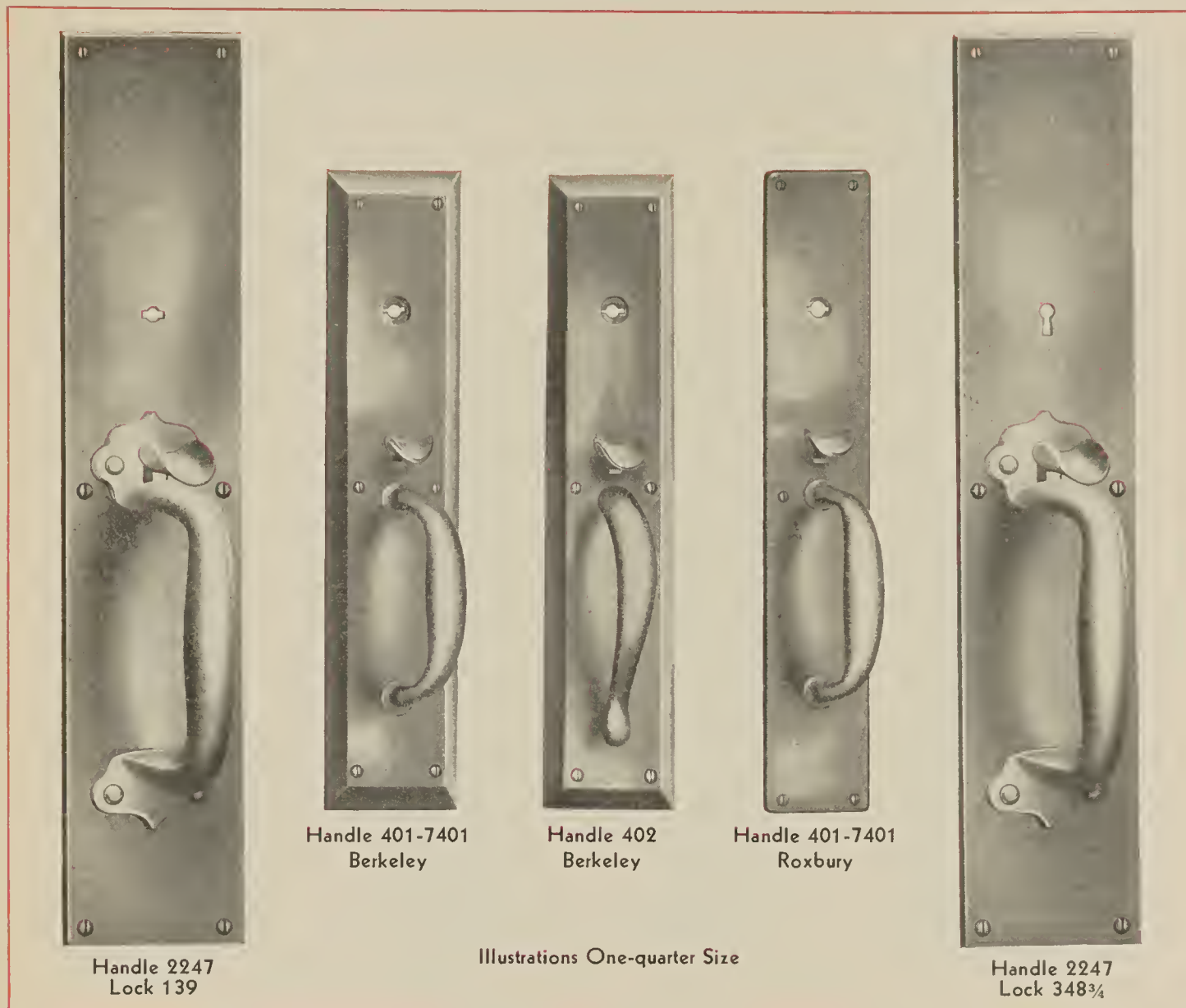
Specify Set Number, Name of Design and Finish.

One set in a box, with screws.

For Locks, see page 281.

Entrance Handle Lock Sets

Wrought Brass, Bronze or Steel



Lock *139 complete with Handles, one for each side of door

Set Number	Handle No.	Design	Grips	Size of Plates	Plates
1139 Rox.	401	Roxbury	074	14 x 2 $\frac{3}{8}$ in.	Wrought Brass or Bronze
1139 Berk.	401	Berkeley	074	14 x 3 in.	Wrought Brass or Bronze
1239 Berk.	402	Berkeley	0777	14 x 3 in.	Wrought Brass or Bronze

Lock *7139 complete with Handles, one for each side of door

7139 Rox.	7401	Roxbury	7074	14 x 2 $\frac{3}{8}$ in.	Wrought Steel
7139 Berk.	7401	Berkeley	7074	14 x 3 in.	Wrought Steel

Plates, extra heavy, Wrought Steel, Japanned Finish, especially adapted for Mill Doors, complete with Handles, one for each side of door

Set Number	Lock	Page	Handle No.	Grips	Size of Plates	Plates
2139	139	279	2247	2257	20 x 4 in.	Wrought Steel
2148 $\frac{3}{4}$	348 $\frac{3}{4}$	279	2247	2257	20 x 4 in.	Wrought Steel

Specify Set Number, Name of Design and Finish.

One set in a box, with screws.

*For Locks, see page 279.

Entrance Handle Lock Sets

Wrought Brass, Bronze or Steel



Handle
401-7401
Regent



Handle 402
Regent



Handle
401-7401
Wellington

Illustrations One-quarter Size

Lock 139 complete with Handles, one for each side of door

Set Number	Handle Number	Design	Grips	Size of Plates	Plates
1139 Reg.	401	Regent	074	15 x 3½ in.	Wrought Brass or Bronze
1239 Reg.	402	Regent	0777	15 x 3½ in.	Wrought Brass or Bronze
1139 Well.	401	Wellington	074	15 x 3¼ in.	Wrought Brass or Bronze

Lock 7139 complete with Handles, one for each side of door

7139 Reg.	7401	Regent	074	15 x 3½ in.	Wrought Steel
7139 Well.	7401	Wellington	074	15 x 3¼ in.	Wrought Steel

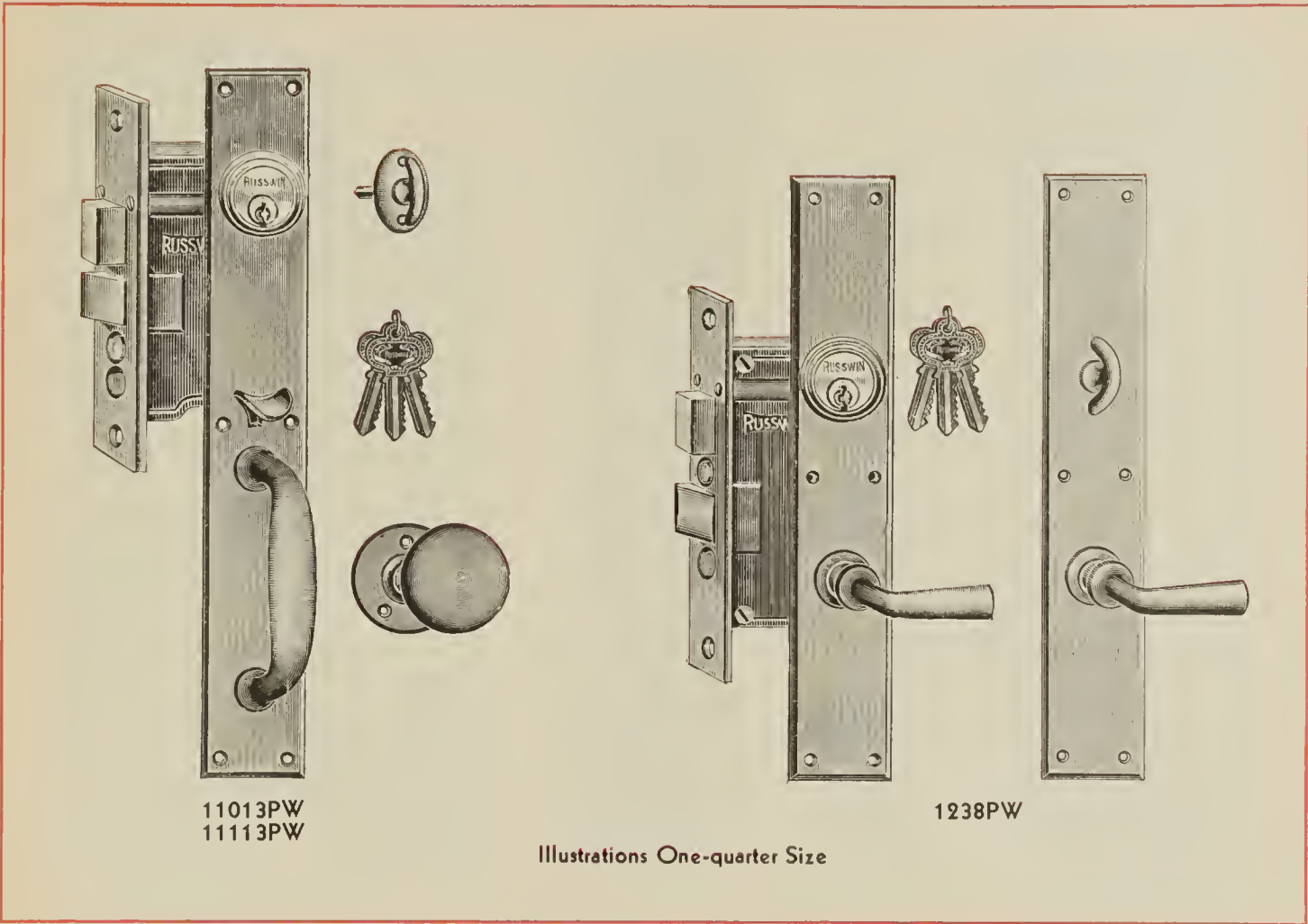
Specify set number, name of design and finish.

One set in a box, with screws.

For Locks, see page 279.

Cylinder Entrance Door Lock Sets

Wrought Brass or Bronze



Entrance (Handle) Lock Sets

Lock 11213, with one Handle outside, one-half pair Knobs 382 x Spindle 42, Rose 12 and
Turn Knob 066½ Inside

Set Number	Handle Number	Grip Number	Size Over-all
11013PW	410PW	074	14 x 2 in.
11113PW	412PW	0777	14 x 2 in.

For Grips, see pages 486 to 489.

Entrance (Lever Handle) Lock Set

Lock 1238, with Two Escutcheons, Two Lever Handles.

Set Number	Escutcheons	Size Over-all	Lever Handle
1238PW	950PW x T950 PW	12 x 2 in.	062 (Two)

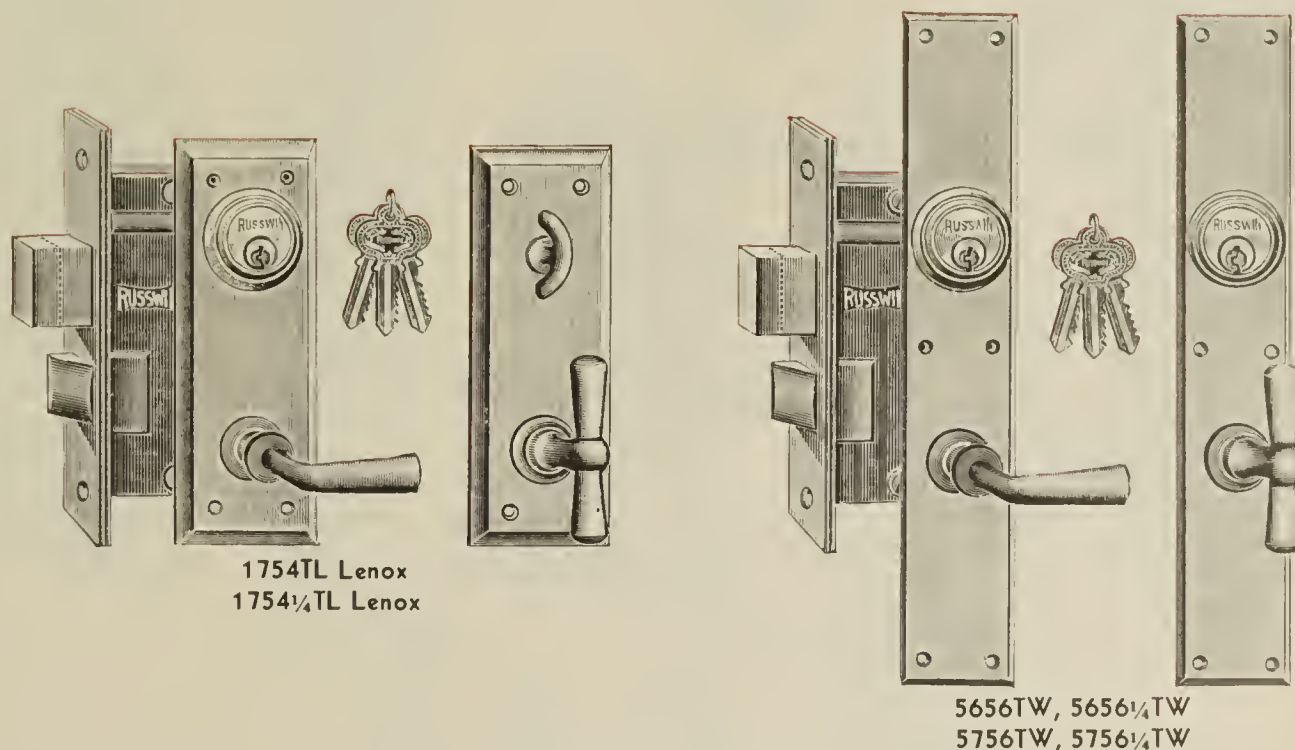
Specify set number and finish.

One set in a box, with screws.

For Locks, see pages 278 and 267.

Cylinder Front Door Lock Sets

With Double-throw Dead Bolts



Illustrations One-quarter Size

Wrought Brass or Bronze

Set Number	Lock	Two Escutcheons	Size Over-all	Lever Handle Outside	"T" Hdle. Inside
1754TL Lnx.†	1754	902 ³ / ₄ x T902 ³ / ₄ Lnx.	7 ¹ / ₂ x 2 ¹ / ₄ in.	062	013
1754 ¹ / ₄ TL Lnx.†	1754 ¹ / ₄	902 ³ / ₄ x T902 ³ / ₄ Lnx.	7 ¹ / ₂ x 2 ¹ / ₄ in.	062	013
5656TW	1756	950PW	12 x 2 in.	062	013
5656 ¹ / ₄ TW	1756 ¹ / ₄	950PW	12 x 2 in.	062	013
5756TW	1756	950PW	12 x 2 in.	Two Lever Handles 062	...
5756 ¹ / ₄ TW	1756 ¹ / ₄	950PW	12 x 2 in.	062	...

†Cast bronze.

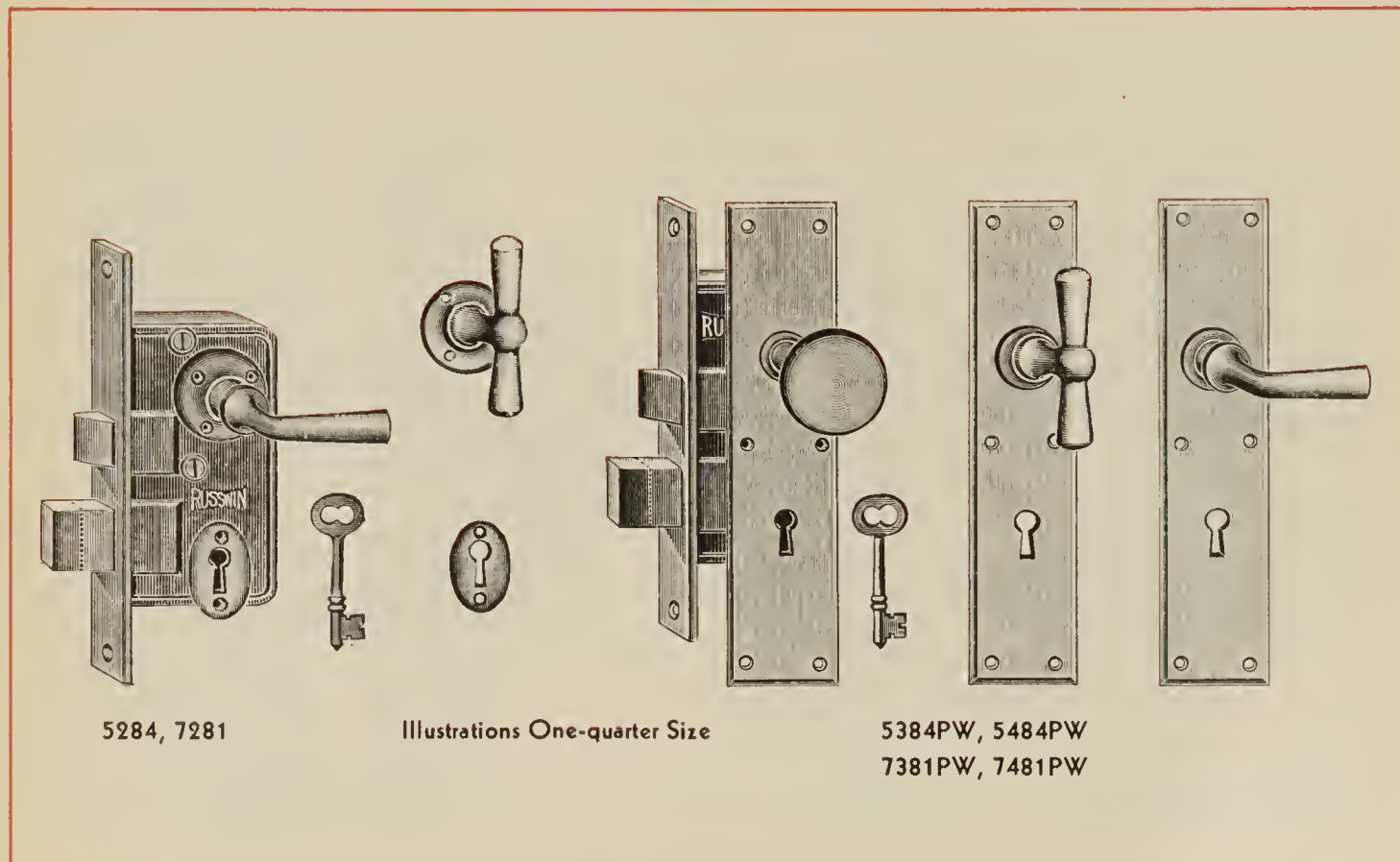
Specify set number, name of design and finish.

One set in a box, with screws.

For Locks, see page 271.

Bit-Key Mortise Lock Sets

With Double-throw Dead Bolts



Wrought Brass or Bronze

Set Number	Lock	Two Escutcheons	Size Over-all	Lever Handle	"T" Handle	Knob
5284	01784	66½	.....	062	013	....
5384PW	01784	950PW	9 x 2 in.	062	...	382
5484PW	01784	950PW	9 x 2 in.	...	013	382

Wrought Steel

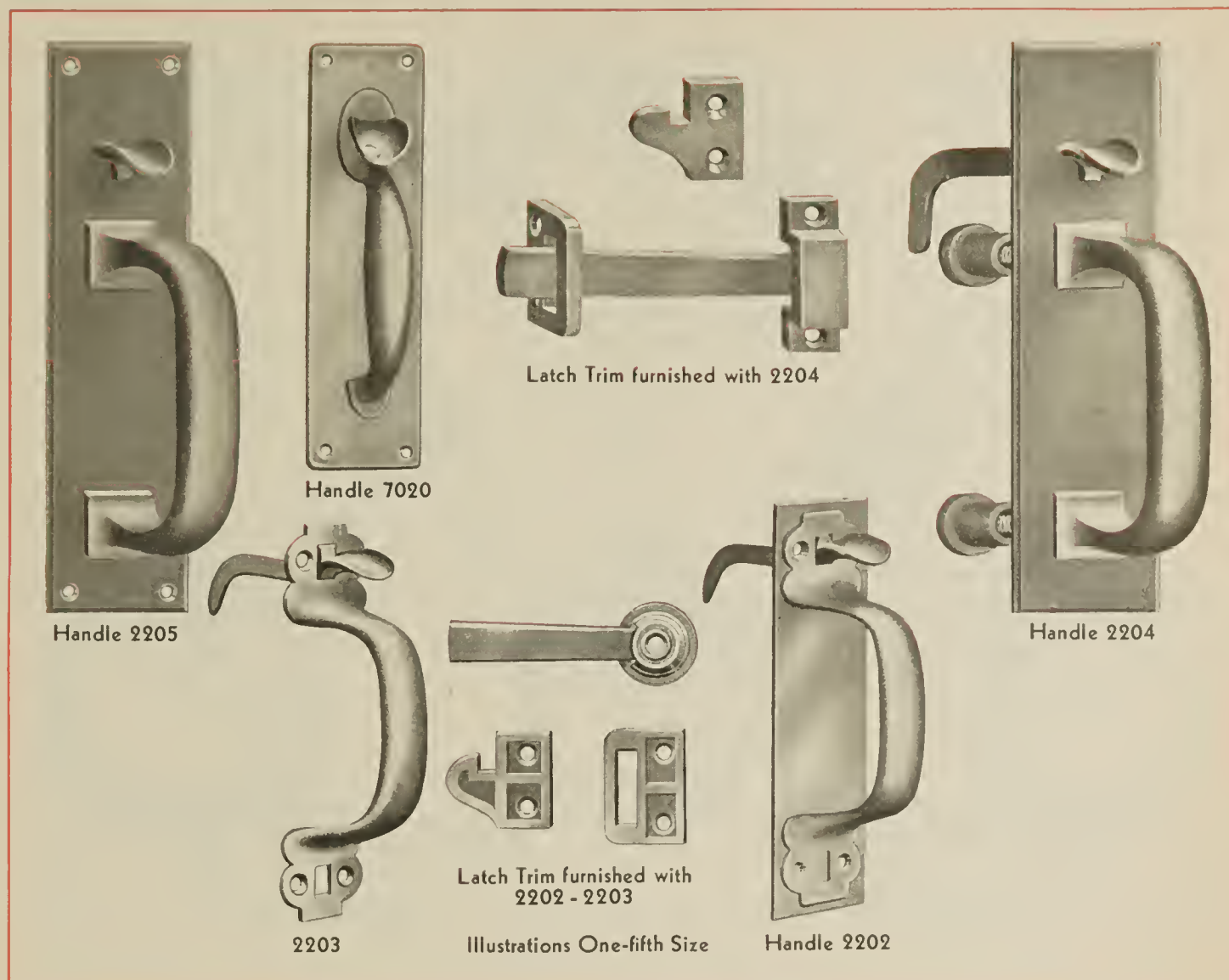
7281	01781	7066½	.....	7061	7013	....
7381PW	01781	7950PW	9 x 2 in.	7061	....	7382
7481PW	01781	7950PW	9 x 2 in.	....	7013	7382

Specify set number and finish.

One set in a box, with screws.

For Locks, see page 303.

Latch Sets



Surface Latch Sets

With one Handle, for outside, and Latch Trim, for inside, as illustrated

Set Number	Handle and Latch Trim	Size of Grip	Size of Plate
2202	Cast Iron, Japanned	7¼ in.	7½ x 1⅞ in.
2203	Cast Iron, Japanned	7¼ in.	No Plate
2204	Cast Iron, Japanned	6 in.	10 x 2⅝ in.

Nos. 2202, 2203, one-half dozen; 2204, one-sixth dozen sets in a box, with screws.

Mortise Latch Sets

With two Handles, one for each side of door

Set Number	Latch	Page	Grip No.	Size of Grip	Size of Plates	Plates
7020	7047½	279	7020	5⅞ in.	7½ x 2¼ in.	Wrought Steel

Extra heavy Handles and Plates, especially adapted for Mill and Garage Doors
Outside Handle fastened to door with machine screws

2205	7047½	279	2205	6 in.	10 x 2⅝ in.	Cast Iron Latch Finish 11, Handles Japanned
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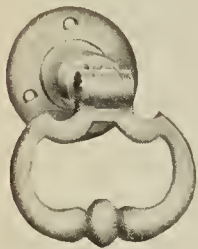
Specify set number and finish.

One set in a box, with screws.

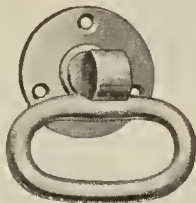
Drop Handles

Cast Brass or Bronze

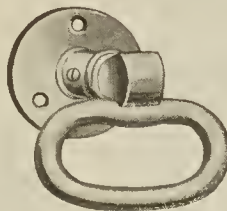
Illustrations One-third Size



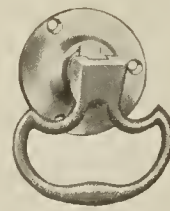
123, 124



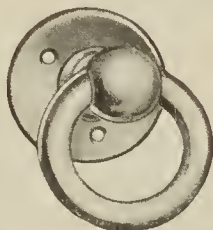
125



126



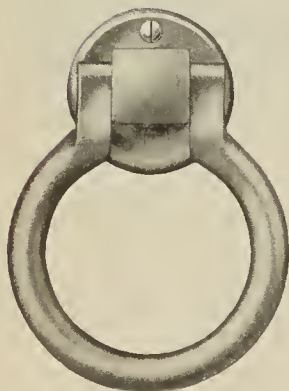
127



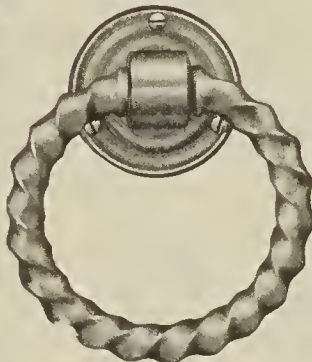
128



129



1619



1620



1621

Drop Handles with Roses

Specify thickness of door and type of spindle.

Nos. 125 and 126 only, can be spindled together in pairs with $\frac{5}{16}$ in. spindles.

Drop Handles not recommended for use with locks that have split hubs.

Regularly furnished with No. 10 Spindle. Nos. 20 or 30 spindles furnished when specified.

Number	Drop	Projection	Rose	Size of Rose	Spindle
123†	3 in.	2 in.	3112 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	$\frac{5}{16}$ in.
124†	2 $\frac{1}{2}$ in.	1 $\frac{1}{4}$ in.	1113 $\frac{3}{4}$	1 $\frac{3}{4}$ in.	$\frac{5}{16}$ in.
125†	2 $\frac{1}{2}$ in.	1 in.	125	1 $\frac{3}{4}$ in.	$\frac{5}{16}$ in.
126	2 $\frac{1}{2}$ in.	2 in.	125	1 $\frac{3}{4}$ in.	$\frac{5}{16}$ in.
127†	2 in.	$\frac{3}{4}$ in.	127	1 $\frac{3}{4}$ in.	$\frac{5}{16}$ in.
128	2 $\frac{1}{4}$ in.	1 in.	3112 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	$\frac{5}{16}$ in.
129†	2 in.	$\frac{7}{8}$ in.	129	2 in.	$\frac{5}{16}$ in.
1619	4 in.	1 $\frac{3}{4}$ in.	3112 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	$\frac{5}{16}$ in.
1620	3 $\frac{1}{2}$ in.	1 $\frac{3}{4}$ in.	1620	2 $\frac{1}{4}$ in.	$\frac{5}{16}$ in.
1621	4 $\frac{1}{4}$ in.	1 $\frac{3}{16}$ in.	1621	1 $\frac{1}{2}$ in.	$\frac{5}{16}$ in.

†Recommended, without rose, for Rim Locks, pages 87, 88.

Specify Finish.

Finishes described on pages 16 to 18.

Six in a box, with screws.

Lever Handles

Illustrations One-quarter Size



1755



1777
Type of 3779



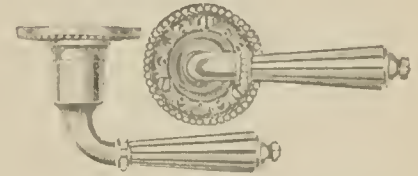
2772
Right Hand, Specify Hand



2773
Type of 2774, 2775
Right Hand, Specify Hand



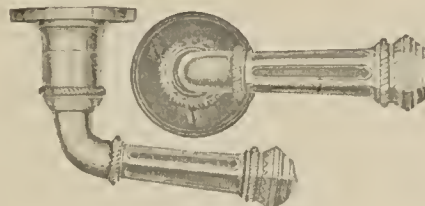
3088
Right Hand, Specify Hand



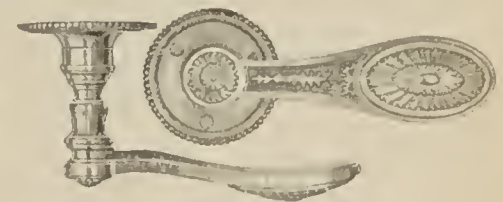
3749



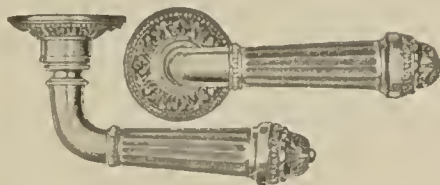
3750, 3751



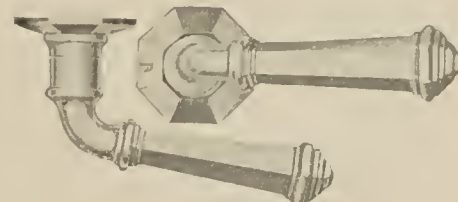
3754



3757



3758



3766

Lever Handles except of light weight as No. 060, etc., should only be used in connection with locks or latches having type F (French) or type G (Gun) springs. These springs are strong enough to support the lever and prevent it from sagging. If any other type of lock or latch is used, "Auxiliary Springs" Nos. 30 or 31 can and should be used in connection therewith. See page 233.

Cast Brass or Bronze

Number	†Size	Projection	Rose No.	Size of Rose	Description	Shank Diam.	Spindle
1755	2¼ in.	2¼ in.	F755	1⅞ in.	Simplex Shank	Special	No. 20
1777	3¼ in.	2½ in.	F951½ Fal.	1½ in.	Simplex Shank	Special	No. 20
2772	3¼ in.	2¼ in.	3181	2½ x 1 in.	Simplex Shank	Regular	No. 20
2773	4 in.	3 in.	3122¼	2¼ in.	Simplex Shank	Regular	No. 20
2774	2½ in.	2⅞ in.	3181½	2⅜ x 1½ in.	Simplex Shank	Regular	No. 20
2775	3½ in.	2⅞ in.	3181½	2⅜ x 1½ in.	Simplex Shank	Regular	No. 20
3088	3½ in.	3⅜ in.	3112¼	2¼ in.	Screwless Shank	Regular	No. 30
3749	3½ in.	2½ in.	3912	2 in.	Screwless Shank	Regular	No. 30
3750	3 in.	2¾ in.	3141¾	1¾ in.	Screwless Shank	Regular	No. 30
3751	4 in.	3 in.	3142½	2½ in.	Screwless Shank	Regular	No. 30
3754	4 in.	3⅞ in.	3952¼ Mad.	2¼ in.	Screwless Shank	Regular	No. 30
3757	4½ in.	3¼ in.	3152¾	2⅜ in.	Screwless Shank	Regular	No. 30
3758	4¼ in.	2¾ in.	3912	2 in.	Screwless Shank	Regular	No. 30
3766	4¾ in.	3⅞ in.	3142¼	2¼ in.	Screwless Shank	Regular	No. 30

For Types of Knob Shanks and Spindles, see pages 216, 217. Thickness of door should be given on all lever handles.

†Measured from end of handle to center of spindle. Description of spindles, page 234. Packed with screws.

Specify Number and Finish. Finishes described on pages 16 to 18.

Lever Handles

Illustrations One-quarter Size



043
Right Hand. Specify Hand.



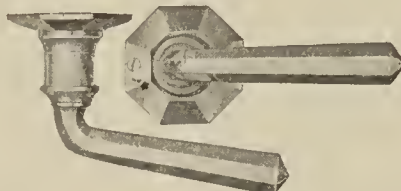
060, 061, 062, 063, 7060, 7061,
T7061



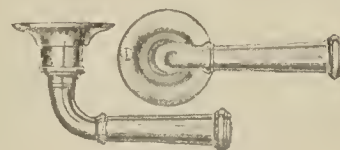
069



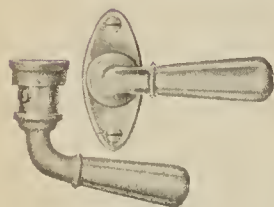
075, 076, 076½



077, 078



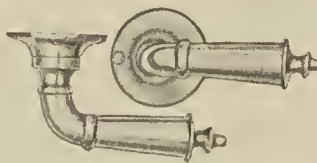
081, 082, 083



085, 086



728, 7728



756, 1756



093, 2093, 3093
Type of 2727

Cast Brass or Bronze

Number			†Size	Projection	Rose No.	Size of Rose	Shank Diam.
Plain Shank 5/16 Spindle No. 10	Simplex Shank 5/16 Spindle No. 20	Screwless Shank 5/16 Spindle No. 30					
043	2043		2½ in.	2⅛ in.	111¾	1¾ in.	¾ in. Regular
060	2060		2¼ in.	2⅜ in.	111½	1½ in.	¾ in. Regular
061	2061	3061	2½ in.	2⅜ in.	111¾	1¾ in.	¾ in. Regular
062	2062	3062	3 in.	2⅜ in.	111¾	1¾ in.	¾ in. Regular
063	2063	3063	3¾ in.	2⅞ in.	112¼	2¼ in.	¾ in. Regular
069††			2½ in.	⅝ in.	069	1½ in.	Special
075	2075		2¼ in.	2½ in.	111¾	1¾ in.	¾ in. Regular
076	2076	3076	2¾ in.	2⅝ in.	111¾	1¾ in.	¾ in. Regular
076½	2076½		4 in.	3 in.	112¼	2¼ in.	¾ in. Regular
077	2077	3077	2¾ in.	2¾ in.	141¾	1¾ in.	¾ in. Regular
078	2078	3078	3¾ in.	2¾ in.	142½	2½ in.	¾ in. Regular
081	2081	3081	2½ in.	2½ in.	111¾	1¾ in.	¾ in. Regular
082	2082	3082	3 in.	2½ in.	111¾	1¾ in.	¾ in. Regular
083	2083	3083	3¾ in.	2¾ in.	112¼	2¼ in.	¾ in. Regular
085	2085	3985	2¾ in.	2⅝ in.	181½	2⅜ x 1½ in.	¾ in. Regular
086	2086	3086	3¾ in.	2⅞ in.	181⅝	2½ x 1⅝ in.	¾ in. Regular
093	2093	3093	3 in.	2 in.	093	1⅜ in.	¾ in. Regular
728††			1¾ in.	1¼ in.	011⅜	1⅜ in.	9/16 in. Special
756	—	—	3 in.	2⅜ in.	111¾	1¾ in.	¾ in. Regular
1756	—	—	3 in.	2⅜ in.	3111¾	1¾ in.	¾ in. Simplex
	2727		2¼ in.	2 in.	3111¾	1¾ in.	7/8 in. Regular

Cast Iron

Number	†Size	Projection	Rose No.	Size of Rose	Description	Shank Diam.	Spindle
T7043	2½ in.	2⅛ in.	7111¾	1¾ in.	Plain Shank	¾ in.	No. 10
7060	2¼ in.	2⅜ in.	7111½	1½ in.	Plain Shank	¾ in.	No. 10
7061	2½ in.	2⅜ in.	7111¾	1¾ in.	Plain Shank	¾ in.	No. 10
T7061	2½ in.	2⅜ in.	7111¾	1¾ in.	Plain Shank	¾ in.	No. 10
7728	1⅝ in.	1¼ in.	7011½	1½ in.	Plain Shank	9/16 in.	No. 10

For Types of Knob Shanks and Spindles, see pages 216, 217.

Thickness of door should be given on all lever handles.

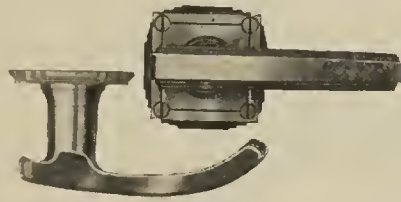
†Measured from end of handle to center of spindle.

††These levers cannot be spindled in pairs.

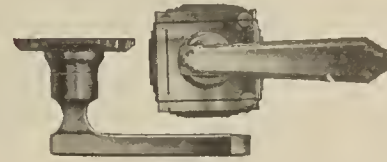
Specify Number and Finish. Description of spindles page 234. Packed with screws.

Modern Lever Handles

Illustrations One-quarter Size



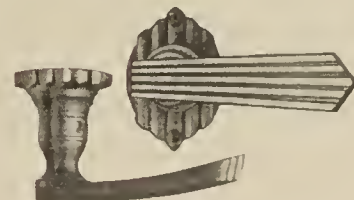
2752
Pyramid



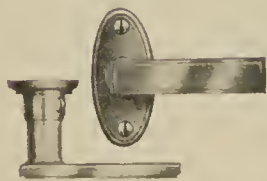
3753
Pyramid



3753
Andre



3753
Ajax



2780



2781



2782

Number	†Size	Projection	Rose No.	Size of Rose	Description	Shank Diam.	Spindle
2752 Pyr.	3 ⁷ / ₁₆ in.	2 ¹ / ₄ in.	3962 ¹ / ₄	2 ¹ / ₄ x 2 ¹ / ₄ in.	Simplex Shank	Regular	No. 20
2780	2 ¹ / ₄ in.	2 ¹ / ₄ in.	2780	2 ⁹ / ₁₆ x 1 ³ / ₁₆ in.	Simplex Shank	Special	No. 20
2781	4 ¹ / ₁₆ in.	2 ¹ / ₄ in.	2781	2 ³ / ₈ x 1 ³ / ₁₆ in.	Simplex Shank	Special	No. 20
2782	4 in.	2 ¹ / ₄ in.	2782	3 ¹ / ₁₆ in.	Simplex Shank	Special	No. 20
3753 Ajax	3 ³ / ₁₆ in.	2 ¹ / ₄ in.	3981 ³ / ₄ Ajax	2 ⁷ / ₁₆ x 1 ³ / ₄ in.	Screwless Shank	Regular	No. 30
3753 Andre	3 ¹ / ₄ in.	2 ¹ / ₈ in.	3982 ¹ / ₂ And.	2 ³ / ₈ x 1 ¹ / ₂ in.	Screwless Shank	Regular	No. 30
3753 Pyr.	3 ³ / ₄ in.	2 ¹ / ₈ in.	3962 ¹ / ₄ Pyr.	2 ¹ / ₄ in.	Screwless Shank	Regular	No. 30

For Types of Knob Shanks and Spindles, see pages 216, 217.

Thickness of door should be given on all lever handles.

†Measured from end of Handle to center of Spindle.

Specify Number and Finish.

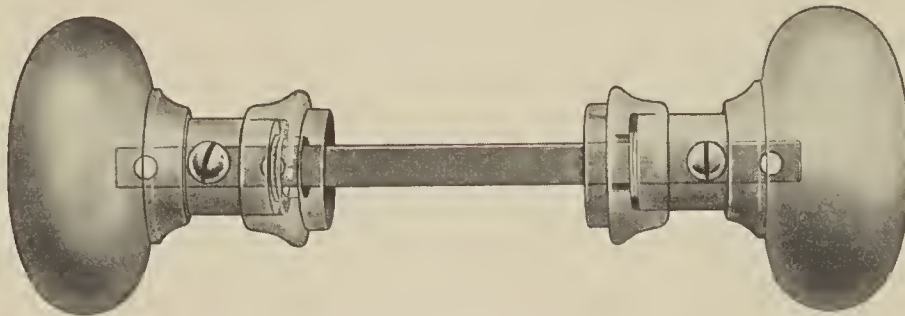
Finishes described on pages 16 to 18.

Description of spindles, page 234.

Packed with screws.

Door Knobs

Showing the Various Types of Shanks and Method of Mounting

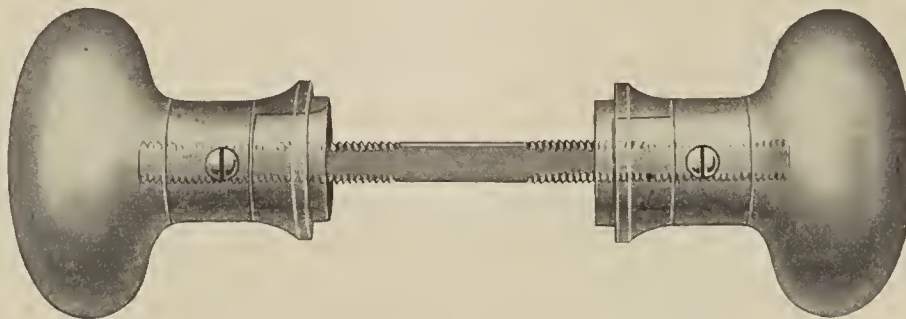


Plain Shank Knobs

Knobs with plain shanks are fastened to plain spindles (No. 10 Series, page 234) by the means of side knob screws (No. 90 and No. 90½, page 233) in the side of the shank, by which, with the aid of knob washers (No. 70, page 233) the proper adjustment is obtained.

The spindles are drilled at proper intervals to allow for the extension of the knobs to fit various thicknesses of doors.

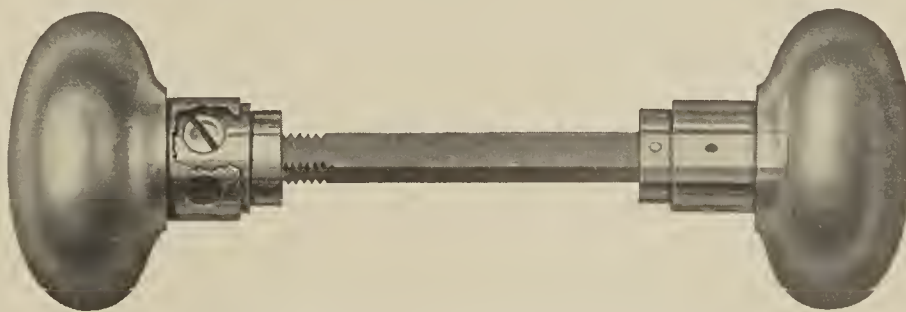
The shanks fit into the cups or thimbles of the rose or escutcheon which permits a little loose play.



Simplex Shank Knobs (Regular)

Knobs with simplex shanks were designed to overcome the looseness described above, which is common of all plain shank knobs, and to give a closer adjustment without the use of washers. Knobs of this type are fastened to a threaded spindle (No. 20 Series, page 234) by the means of set screws (No. 83, page 233).

When the knobs are adjusted on the spindle to the proper position the screws are set through the shank against the flat surface of the spindle, thus securely fastening the knob to the spindle. This type of knob permits a close fit with entire freedom of action, the shank resting on a machine turned thimble rather than fitting loosely in it as on the plain shank type.



Simplex Shank Knobs (Screw Guard)

The outside knob is fastened to the spindle (No. 20 Series, page 234) by means of a pin which is held in place and concealed by the knob rose. The inside knob is fastened with a knob or set screw and in addition it has a Sleeve Guard to conceal the screw and, also, prevent it from working loose.

Sleeve Guard cannot be furnished on knobs with either Wrought or French Shanks.

Door Knobs

Showing the Various Types of Shanks and Method of Mounting



Screwless Shank Knobs

Knobs with screwless shanks have all the advantage of the simplex type with the following additional features which make them the ideal knobs to use. The outside knob is fastened to the spindle (No. 30 Series, page 234) by the means of a pin which is held in place and concealed by the thimble when in use; the inside knob has an adjustable shank which is set up on the spindle by the means of a wrench (see cut) thus affording the most accurate and closest possible adjustment.

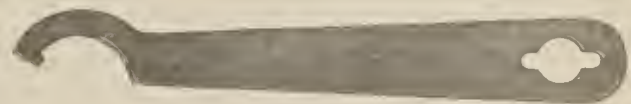
These knobs also rest on a machine turned thimble and are so made that there is no lost play or possibility of the knobs working loose and coming apart from the spindle.

Knob Wrenches



Number A
Cast Iron

For use on following Knobs having French Shanks. Numbers
3951 Aetna, 3951 Cairo, 3951 Modart, 3951 Pyramid,
3981 Andre, 3981 Chateau, 3981 Modart, 3981 Pyramid,
3981 Sapho, 3981A Clodian, 3981A Sunburst, 31372.



Number S
Wrought Steel

For use with all other Screwless Type Knobs and Lever Handles.

Knob Symbols

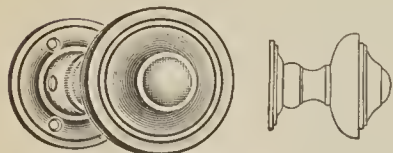
The Knob Symbols used for Indicating Knobs in Lock Sets are as follows:

Symbol	Knob No.	Symbol	Knob No.	Symbol	Knob No.
A	7850	HY	2951	S	386
AC	21482	HS	3951	SJ	2285
B	7951	JS	3952	SK	8285
BC	21486	JY	2136	SFJ	2284
CC	21496	K	382	TY	2981A
CY	27955	KA	2362	TS	3981
D	7956	KY	2382	U	387
DC	21582	KS	3953	UY	2387
DY	72155	LY	2376	US	3387
E	7385	LS	3376	VY	2112
EC	21586	NY	2376½	W	956
F	7384	NS	3376½	WY	2956
FA	27362	PA	2150	WY	2957
FF	7382	Q	955	WY	21455
GA	2110	QY	2955	ZY	2152
H	951	RY	2383		

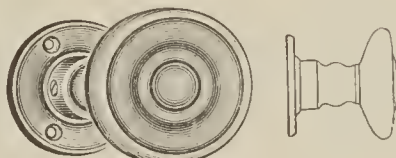
Metal Door Knobs

With French or Curved Shank

Illustrations One-third Size



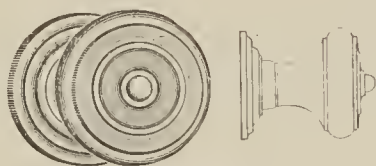
2331, 2332 Knob
2331, 2332 Rose



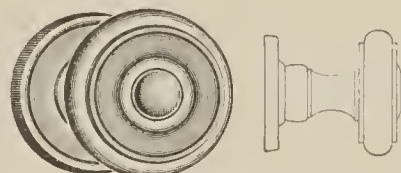
2334 Knob
F372 Rose



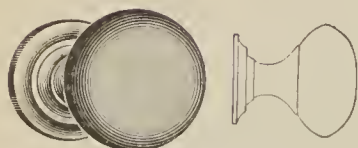
2335, Type of 2336 Knob
2331, 2332 Rose



2346 Knob
F382 Rose



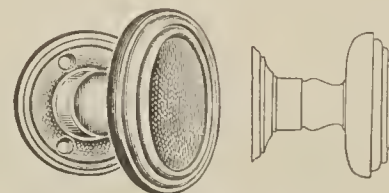
2347 Knob
2347 Rose



2358 Knob
2358 Rose



2951 Arden Knob
3952 $\frac{1}{8}$ Arden Rose



2981A Bedford Knob
F952 Bedford Rose

Cast Brass or Bronze

Number	Size	Rose Number	Rose Size	Description
2331	1 $\frac{7}{8}$ in.	2331	1 $\frac{3}{4}$ in.	Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20
2332	2 $\frac{1}{8}$ in.	2332	2 in.	Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20
2334	2 in.	F372	1 $\frac{7}{8}$ in.	Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20
2335	1 $\frac{3}{4}$ in.	2331	1 $\frac{3}{4}$ in.	Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20
2336	2 in.	2332	2 in.	Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20
2346	2 in.	F382	2 in.	Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20
2347	2 $\frac{1}{4}$ in.	2347	2 $\frac{1}{8}$ in.	Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20
2358	2 in.	2358	1 $\frac{3}{4}$ in.	Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20
2951 Arden	2 $\frac{1}{8}$ in.	3952 $\frac{1}{8}$ Arden	2 $\frac{1}{8}$ in.	Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20
2981A Bedford	2 $\frac{1}{2}$ x 1 $\frac{1}{2}$ in.	F952 Bedford	2 in.	Simplex Shank, $\frac{5}{16}$ in. Spindle No. 20

For Key Plate Escutcheons appropriate for use with these Knobs see page 231.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Specify Number and Finish.

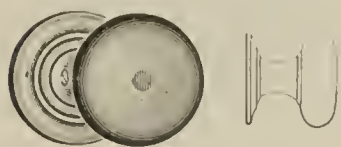
Swivel Spindles, described on page 234.

Finishes described on pages 16 to 18.

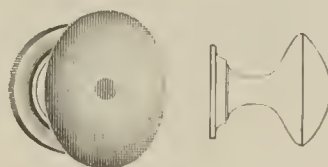
Metal Door Knobs

With French or Curved Shank

Illustrations One-third Size



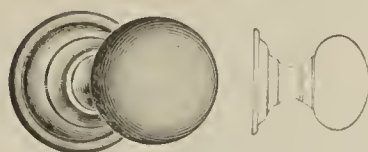
2337** Knob
Type of 2342, 2367†, 2368† Knobs
2337 Rose



340, * Type of 338* Knob
2337 Rose



21381 Knob
2331 Rose



21377 Knob
21377 Rose



2323 Knob
F371 Rose



21371, 21372, 31372 Knob
F371, F372, F372 Rose



345† Knob
345 Rose



2330 Knob
F372 Rose



2333 Knob
2333 Rose

Cast Brass or Bronze

Number	Size	Rose Number	Rose Size	Description
338*	1 3/4 x 1 1/4 in.	2337	1 3/4 in.	Plain Shank, 5/16 in. Spindle No. 11
340*	2 1/8 x 1 5/8 in.	2337	1 3/4 in.	Plain Shank, 5/16 in. Spindle No. 11
345†	1 3/4 in.	345	1 3/4 in.	Plain Shank, 5/16 in. Spindle No. 11
2323	1 3/4 in.	F371	1 5/8 in.	Simplex Shank, 5/16 in. Spindle No. 20
2330	2 in.	F372	1 7/8 in.	Simplex Shank, 5/16 in. Spindle No. 20
2333	2 1/8 in.	2333	2 1/8 in.	Simplex Shank, 5/16 in. Spindle No. 20
2337**	1 3/4 in.	2337	1 3/4 in.	Simplex Shank, 5/16 in. Spindle No. 20
2342*	2 1/8 in.	2337	1 3/4 in.	Simplex Shank, 5/16 in. Spindle No. 20
2367†	1 3/4 in.	2337	1 3/4 in.	Simplex Shank, 5/16 in. Spindle No. 20
2368†	2 1/8 in.	2337	1 3/4 in.	Simplex Shank, 5/16 in. Spindle No. 20
21371	1 3/4 in.	F371	1 5/8 in.	Simplex Shank, 5/16 in. Spindle No. 20
21372	2 in.	F372	1 7/8 in.	Simplex Shank, 5/16 in. Spindle No. 20
21377	1 3/4 in.	21377	1 1/2 in.	Simplex Shank, 5/16 in. Spindle No. 20
21381	1 3/4 in.	2331	1 3/4 in.	Simplex Shank, 5/16 in. Spindle No. 20
31372	2 in.	F372	1 7/8 in.	Screwless Shank, 5/16 in. Spindle No. 30

For Key Plate Escutcheons appropriate for use with these Knobs see page 231.

*With steel buttons in top of Knob and Swivel Spindle for adjustment.

†With Special Ornamental Button in top of Knob.

For Types of Knob Shanks and Spindles, see pages 216, 217.
Specify Number and Finish.

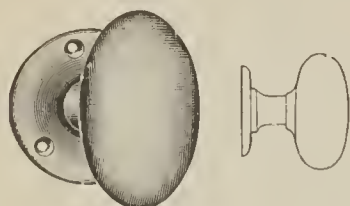
**With steel buttons in top of Knob.

‡Without Buttons in top of Knob.

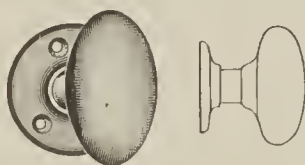
Swivel Spindles described on page 234.
Finishes described on pages 16 to 18.

Metal Door Knobs

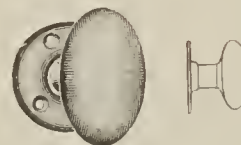
Illustrations One-third Size



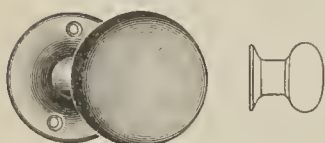
2390 Knob
3112 $\frac{1}{4}$ Rose



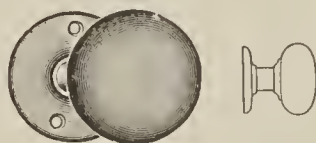
1190 Knob
011 $\frac{1}{2}$ Rose



1394 Knob
011 $\frac{1}{2}$ Rose



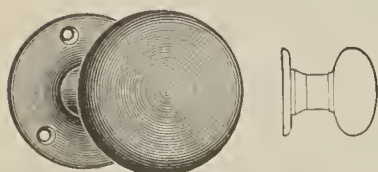
21176 Type of 31176 Knob
3111 $\frac{3}{4}$ Rose



1175, 1176 Knobs
011 $\frac{1}{2}$, 011 $\frac{3}{4}$ Roses



21375 Knob
2337 Rose



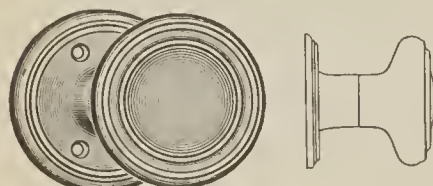
2376 to 2376 $\frac{3}{4}$ Knobs, 3112 $\frac{1}{4}$ Rose
Type of 2372, 3372 Knobs, 3112 Rose



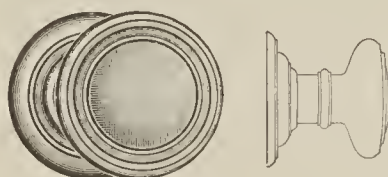
2377 Knob
3112 $\frac{1}{4}$ Rose



2341, 3341 Knobs
2343, 3341 Roses



*2951 x 3952 $\frac{3}{8}$ Franklin



2343 Knob
2343 Rose



2352 Knob
2352 Rose

Number			Size	Rose Number	Rose Size	Description
Plain Shank $\frac{5}{16}$ in. Spindle No. 10	Simplex Shank $\frac{5}{16}$ in. Spindle No. 20	Screwless Shank $\frac{5}{16}$ in. Spindle No. 30				
1175†			1 $\frac{1}{2}$ in.	011 $\frac{1}{2}$	1 $\frac{1}{2}$ in.	Cast Brass or Bronze
1176†			1 $\frac{3}{4}$ in.	011 $\frac{3}{4}$	1 $\frac{3}{4}$ in.	Cast Brass or Bronze
1190†			2 $\frac{1}{4}$ x 1 $\frac{3}{8}$ in.	011 $\frac{1}{2}$	1 $\frac{1}{2}$ in.	Cast Brass or Bronze
1394†			1 $\frac{3}{4}$ x 1 $\frac{1}{8}$ in.	011 $\frac{1}{2}$	1 $\frac{1}{2}$ in.	Cast Brass or Bronze
	2341		2 $\frac{1}{4}$ in.	2343	2 $\frac{1}{2}$ in.	Cast Brass or Bronze
		3341	2 $\frac{1}{4}$ in.	3341	2 $\frac{1}{2}$ in.	Cast Brass or Bronze
	2343		2 $\frac{1}{4}$ in.	2343	2 $\frac{1}{2}$ in.	Cast Brass or Bronze
	2352		2 in.	2352	2 in.	Cast Brass or Bronze
	2372	3372	2 in.	3112	2 in.	Cast Brass or Bronze
	2376	3376	2 $\frac{1}{4}$ in.	3112 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Cast Brass or Bronze
	2376SG		2 $\frac{1}{4}$ in.	3112 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Cast Brass or Bronze
	2376 $\frac{1}{2}$	3376 $\frac{1}{2}$	2 $\frac{1}{2}$ x 2 $\frac{1}{4}$ in.	3112 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Cast Brass or Bronze
	2376 $\frac{3}{4}$	3376 $\frac{3}{4}$	2 $\frac{1}{2}$ in.	3112 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Cast Brass or Bronze
	2377	3377	2 $\frac{1}{4}$ in.	3112 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Cast Brass or Bronze
	2390	3390	2 $\frac{5}{8}$ x 1 $\frac{5}{8}$ in.	3112 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Cast Brass or Bronze
	2951 Fra.*	3951 Fra.*	2 $\frac{1}{4}$ in.	3952 $\frac{3}{8}$	2 $\frac{3}{8}$ in.	Cast Brass or Bronze
7376			2 $\frac{1}{4}$ in.	7112 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Cast Iron
	21176	31176	1 $\frac{3}{4}$ in.	3111 $\frac{3}{4}$	1 $\frac{3}{4}$ in.	Cast Brass or Bronze
	21375		2 in.	2337	2 in.	Cast Brass or Bronze

For Key Plate Escutcheons appropriate for use with these Knobs, see page 231.

*Has high bushing rose.

†Have $\frac{9}{16}$ inch Shanks.

Swivel Spindles described on page 234.

For Types of Knob Shanks and Spindles, see pages 216, 217.

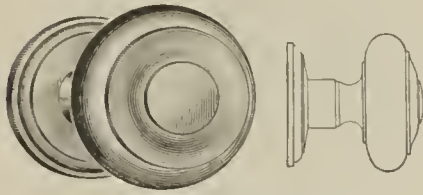
Specify Number and Finish.

Finishes described on pages 16 to 18.

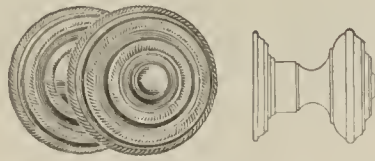
Brass or Bronze, quarter dozen pairs; Steel, half dozen pairs in a box, with screws.

Metal Door Knobs

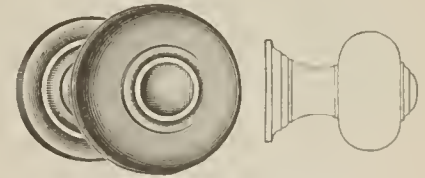
Illustrations One-third Size



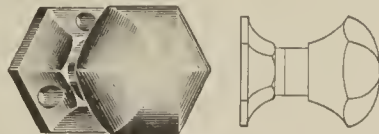
2327, Type of 2328 Knob
2327 Rose



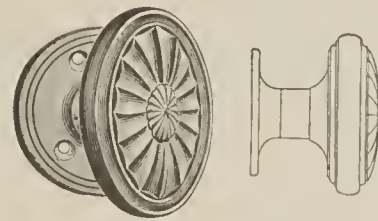
2951A x F3952
Shirley



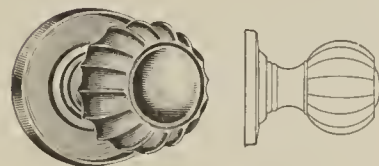
2348, Type of 2349 Knob
2348, Type of 2349 Rose



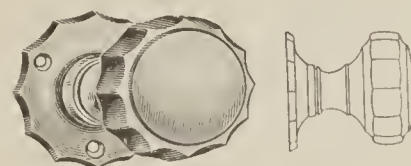
2950 x 2950
Hayden



3983 x 3952 1/4
Sunburst



2950 x 2347
Sunburst



2326 Knob
2326 Rose

Cast Brass or Bronze

Number	Size	Rose Number	Rose Size	Description
2326	2 in.	2326	2 in.	Simplex Shank, 5/16 in. Spindle No. 20
2327	2 1/2 in.	2327	2 1/4 in.	Simplex Shank, 5/16 in. Spindle No. 20
2328	2 3/4 in.	2327	2 1/4 in.	Simplex Shank, 5/16 in. Spindle No. 20
2348	2 1/4 in.	2348	1 7/8 in.	Simplex Shank, 5/16 in. Spindle No. 20
2349	2 3/4 in.	2349	2 1/4 in.	Simplex Shank, 5/16 in. Spindle No. 20
2950 Hayden	2 in.	2950 Hayden	2 in.	Simplex Shank, 5/16 in. Spindle No. 20
2950 Sunburst	1 3/4 in.	2347	2 1/8 in.	Simplex Shank, 5/16 in. Spindle No. 20
2951A Shirley	2 in.	F3952 Shirley	2 in.	Simplex Shank, 5/16 in. Spindle No. 20
3983 Sunburst	3 x 1 7/8 in.	3952 1/4 Sun.	2 1/4 in.	Screwless Shank, 5/16 in. Spindle No. 30

For Key Plate Escutcheons appropriate for use with these Knobs, see pages 85, 86, 231.

For types of Knob Shanks and Spindles, see pages 216, 217.

Specify Number and Finish.

Swivel Spindles, see page 234.

Finishes described on pages 16 to 18.

Modern Door Knobs

Illustrations One-third Size



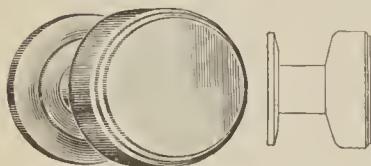
2450 Knob
2450 Rose



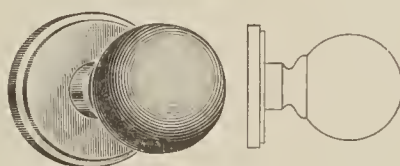
2451 Knob
2451 Rose



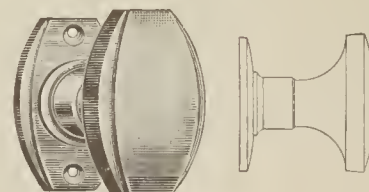
2454 Knob
2454 Rose



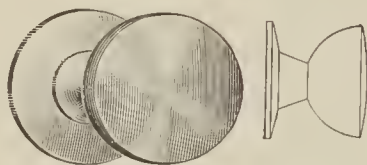
2453 Knob
2451 Rose



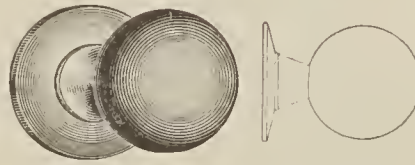
2452 Knob
482 Rose



3981 x 3981 1/2
Andre



2455 Type of 2456 Knob
2455 Type of 2456 Rose



2458 Type of 2457 Knob
2456 Type of 2455 Rose

Cast Brass or Bronze

Number	Size	Rose Number	Rose Size	Description
2450	2 in.	2450	2 in.	Special Simplex Shank, 5/16 in. Spindle No. 20
2451	2 in.	2451	2 in.	Special Simplex Shank, 5/16 in. Spindle No. 20
2452	1 3/4 in.	482	2 in.	Special Simplex Shank, 5/16 in. Spindle No. 20
2453	2 1/8 in.	2451	2 in.	Special Simplex Shank, 5/16 in. Spindle No. 20
2454	2 1/4 in.	2454	2 1/4 in.	Simplex Shank, 5/16 in. Spindle No. 20
2455	1 3/4 in.	2455	1 3/4 in.	Special Simplex Shank, 5/16 in. Spindle No. 20
2456	2 in.	2456	2 in.	Special Simplex Shank, 5/16 in. Spindle No. 20
2457	1 7/8 in.	2455	1 3/4 in.	Special Simplex Shank, 5/16 in. Spindle No. 20
2458	2 in.	2456	2 in.	Special Simplex Shank, 5/16 in. Spindle No. 20
3981 Andre	2 1/2 x 1 1/2 in.	3981 1/2 Andre	2 1/2 x 1 1/2 in.	Screwless Shank, 5/16 in. Spindle No. 30

For Key Plate Escutcheons appropriate for use with these Knobs, see pages 28 and 231.

For types of Knob Shanks and Spindles, see pages 216, 217.

Specify Number and Finish.

Swivel Spindles, described on page 234.

Finishes described on pages 16 to 18.

Metal Door Knobs

Illustrations One-third Size



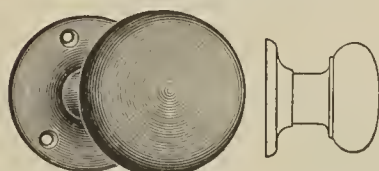
382, 386, 387, 2382, C2382* Knob
12, 12, 12, 12, 12 Rose
2284, 7382, 7384 Knob
2012, 7012, 7012 Rose



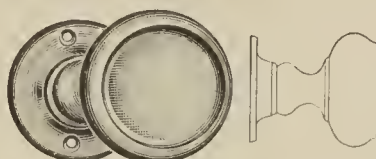
2285, 7385, 8285 Knob
2012, 7012, 8012 Rose



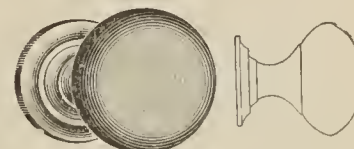
2362, 27362 Knob
12, 7012 Rose



1186, 7186, 2383, 2387 Knob
011 1/2, 7011 1/2, 12, 12 Rose



21455, 72455 Knob
F372, 7111 3/4 Rose



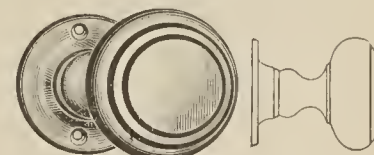
21458 Knob
458 Rose



21482, 21486 Knob
F372, 11 3/4 Rose



21496 Knob
11 3/4 Rose



21582, 21586 Knob
F372, 11 3/4 Rose

One Piece Wrought Knobs

Number			Size	Rose Number	Rose Size	Description
Plain Shank 5/16 in. Spindle No. 10	Simplex Shank 5/16 in. Spindle No. 20	Screwless Shank 5/16 in. Spindle No. 30				
382			2 in.	12	2 in.	Wrought Brass or Bronze
386			2 1/4 in.	12	2 in.	Wrought Brass or Bronze
387*			2 1/4 in.	12	2 in.	Wrought Brass or Bronze
	2362		2 in.	12	2 in.	Wrought Brass or Bronze
	2382		2 in.	12	2 in.	Wrought Brass or Bronze
	C2382*		2 in.	12	2 in.	Wrought Brass or Bronze
	2383		2 1/4 in.	12	2 in.	Wrought Brass or Bronze
	2387*	3387*	2 1/4 in.	12	2 in.	Wrought Brass or Bronze
	2387SG*		2 1/4 in.	12	2 in.	Wrought Brass or Bronze
7382			2 in.	7012	2 in.	Wrought Steel
7384			2 1/4 in.	7012	2 in.	Wrought Steel
2284			2 1/4 in.	2012	2 in.	Wrought Steel, Japanned
1186††			1 3/4 in.	011 1/2	1 1/2 in.	Wrought Brass or Bronze
7186††			1 3/4 in.	7011 1/2	1 1/2 in.	Wrought Steel
	21455		2 in.	F372	1 7/8 in.	Wrought Brass or Bronze
	21458		2 in.	458	1 5/8 in.	Wrought Brass or Bronze
	21482		2 in.	F372	1 7/8 in.	Wrought Brass or Bronze
	21486		1 3/4 in.	11 3/4	1 3/4 in.	Wrought Brass or Bronze
	21496		1 3/4 in.	11 3/4	1 3/4 in.	Wrought Brass or Bronze
	21582		2 in.	F372	1 7/8 in.	Wrought Brass or Bronze
	21586		1 3/4 in.	11 3/4	1 3/4 in.	Wrought Brass or Bronze
	27362		2 in.	7012	2 in.	Wrought Steel
	72455		2 in.	7111 3/4	1 3/4 in.	Wrought Steel

Two Piece Wrought Knobs

7385	2 1/4 in.	7012	2 in.	Wrought Steel
2285**	2 1/4 in.	2012	2 in.	Wrought Steel, Japanned
8285**	2 1/4 in.	8012	2 in.	Wrought Steel, Kahala

*Have Cast Shanks.

**Furnished regular with one Rose.

††Have 5/16 inch Shanks.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Swivel Spindles described on page 234.

Specify Number and Finish.

Finishes described on pages 16 to 18.

Bronze, quarter dozen pairs; Steel, half dozen pairs in a box, with screws.

Hand Polished Glass Door Knobs

Illustrations One-third Size



C2106 $\frac{1}{2}$ Knob
3122 $\frac{1}{4}$ Rose
Plain Glass



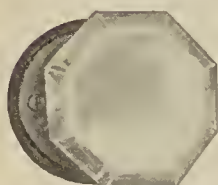
C2112 Knob
2332 Rose
Plain Glass



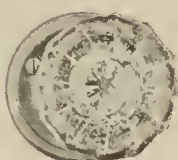
C2154 Knob
3122 $\frac{1}{4}$ Rose
Cut Glass



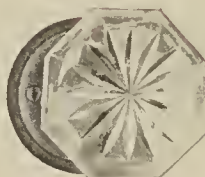
C2115 $\frac{1}{2}$ Knob
3122 $\frac{1}{4}$ Rose
Milk White



C2136, C2136 $\frac{1}{2}$, C2137 *Knob
2332, 3122 $\frac{1}{4}$, 2332 Rose
Plain Glass, *Black Top



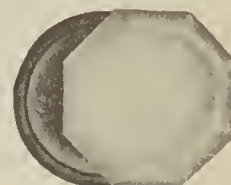
C2152 Knob
2332 Rose
Plain Glass



C2141 Knob
3122 $\frac{1}{4}$ Rose
Cut Glass



C2172, C2174 Knob
2332, 3122 $\frac{1}{4}$ Rose
Cut Glass



C2142 $\frac{1}{2}$ Knob
3122 $\frac{1}{4}$ Rose
Milk White

Symbol "C" Indicates Cast Brass or Bronze Shanks and Roses

Symbol "CW" Indicates Cast Brass or Bronze Shanks and Wrought Brass or Bronze Roses

Number Cast Shanks Cast Roses	Cast Rose Number	Number Cast Shanks Wrought Roses	Wrought Rose Number	Knobs and Roses, Size	Description
C2106 $\frac{1}{2}$	3122 $\frac{1}{4}$	CW2106 $\frac{1}{2}$	22 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Hand Polished, Spindle No. 20
C2115 $\frac{1}{2}$	3122 $\frac{1}{4}$	CW2115 $\frac{1}{2}$	22 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Milk White, Spindle No. 20
C2136 $\frac{1}{2}$	3122 $\frac{1}{4}$	CW2136 $\frac{1}{2}$	22 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Hand Polished, Spindle No. 20
C2142 $\frac{1}{2}$	3122 $\frac{1}{4}$	CW2142 $\frac{1}{2}$	22 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Milk White, Spindle No. 20
C2141	3122 $\frac{1}{4}$			2 $\frac{1}{4}$ in.	Cut Glass, Spindle No. 20
C2154	3122 $\frac{1}{4}$			2 $\frac{1}{4}$ in.	Cut Glass, Spindle No. 20
C2174	3122 $\frac{1}{4}$			2 $\frac{1}{4}$ in.	Cut Glass, Spindle No. 20
C2172	2332			2 in.	Cut Glass, Spindle No. 20
C2112	2332	CW2112	22	2 in.	Hand Polished, Spindle No. 20
C2136	2332	CW2136	22	2 in.	Hand Polished, Spindle No. 20
C2137	2332	CW2137	22	2 in.	Black Glass, Spindle No. 20
C2152	2332	CW2152	22	2 in.	Hand Polished, Spindle No. 20
C2106 $\frac{3}{4}$	3121 $\frac{3}{4}$	CW2106 $\frac{3}{4}$	11 $\frac{3}{4}$	1 $\frac{3}{4}$ in.	Hand Polished, Spindle No. 20
C2112 $\frac{3}{4}$	3121 $\frac{3}{4}$	CW2112 $\frac{3}{4}$	11 $\frac{3}{4}$	1 $\frac{3}{4}$ in.	Hand Polished, Spindle No. 20
C2115 $\frac{3}{4}$	3121 $\frac{3}{4}$	CW2115 $\frac{3}{4}$	11 $\frac{3}{4}$	1 $\frac{3}{4}$ in.	Milk White, Spindle No. 20
C2136 $\frac{3}{4}$	3121 $\frac{3}{4}$	CW2136 $\frac{3}{4}$	11 $\frac{3}{4}$	1 $\frac{3}{4}$ in.	Hand Polished, Spindle No. 20
C2142 $\frac{3}{4}$	3121 $\frac{3}{4}$	CW2142 $\frac{3}{4}$	11 $\frac{3}{4}$	1 $\frac{3}{4}$ in.	Milk White, Spindle No. 20
C2152 $\frac{3}{4}$	3121 $\frac{3}{4}$	CW2152 $\frac{3}{4}$	11 $\frac{3}{4}$	1 $\frac{3}{4}$ in.	Hand Polished, Spindle No. 20
C2141 $\frac{3}{4}$	3121 $\frac{3}{4}$			1 $\frac{3}{4}$ in.	Cut Glass, Spindle No. 20
C2154 $\frac{3}{4}$	3121 $\frac{3}{4}$			1 $\frac{3}{4}$ in.	Cut Glass, Spindle No. 20
C2174 $\frac{3}{4}$	3121 $\frac{3}{4}$			1 $\frac{3}{4}$ in.	Cut Glass, Spindle No. 20

Knobs furnished with Screwless Shanks, Spindle No. 30, change prefix 2 to 3: example, C3106 $\frac{1}{2}$ in place of C2106 $\frac{1}{2}$.

For Types of Knob Shanks and Spindles, see pages 216, 217.

Swivel Spindles described on page 234.

Other roses may be substituted, specify number when ordering, see pages 227, 228.

One-twelfth dozen pairs in a box; three dozen pairs in a case.

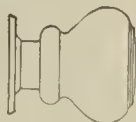
For Drawer Knobs, see page 226.

Specify Number and Finish.

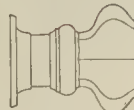
Finishes described on pages 16 to 18.

Fire Polished Glass Door Knobs

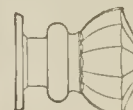
Illustrations One-third Size



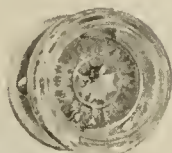
2112 Knob
12 Rose
Type of 2112 $\frac{3}{4}$
Plain Glass



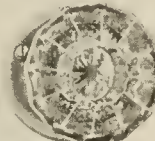
2136 Knob
12 Rose
Type of 2136 $\frac{1}{2}$, 2136 $\frac{3}{4}$
Plain Glass



2152 Knob
12 Rose
Type of 2152 $\frac{3}{4}$
Plain Glass



2110 Knob
12 Rose
Plain Glass



2150 Knob
12 Rose
Plain Glass

With Wrought Brass or Bronze Shanks and Roses

Number	Rose Number	Knob and Rose Size	Description
2136 $\frac{1}{2}$	22 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	Fire Polished Glass, Spindle No. 20
2110	12	2 in.	Fire Polished Glass, Spindle No. 20
2112	12	2 in.	Fire Polished Glass, Spindle No. 20
2136	12	2 in.	Fire Polished Glass, Spindle No. 20
2150	12	2 in.	Fire Polished Glass, Spindle No. 20
2152	12	2 in.	Fire Polished Glass, Spindle No. 20
2112 $\frac{3}{4}$	11 $\frac{3}{4}$	1 $\frac{3}{4}$ in.	Fire Polished Glass, Spindle No. 20
2136 $\frac{3}{4}$	11 $\frac{3}{4}$	1 $\frac{3}{4}$ in.	Fire Polished Glass, Spindle No. 20
2152 $\frac{3}{4}$	11 $\frac{3}{4}$	1 $\frac{3}{4}$ in.	Fire Polished Glass, Spindle No. 20

Knobs furnished with Screwless Shanks, Spindle No. 30, change prefix 2 to 3. Example: 3112 in place of 2112.
For Types of Knob Shanks and Spindles, see pages 216, 217. Swivel Spindles described on page 234.
Other roses may be substituted, specify number when ordering, see pages 227, 228. For Drawer Knobs, see page 226.
Specify Number and Finish. Finishes described on page 216, 217.

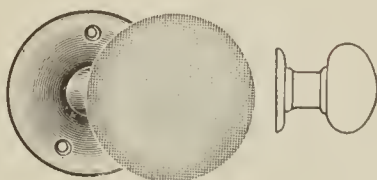
One-twelfth dozen pairs in a box, three dozen pairs in a case.

Pottery Door Knobs

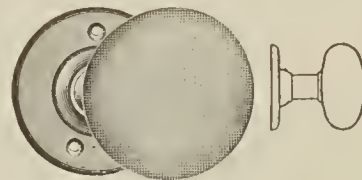
Illustrations One-third Size



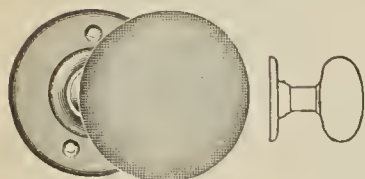
0768 Knob
12 Rose



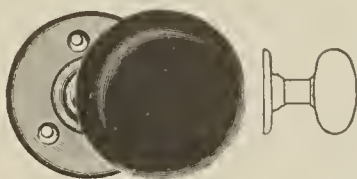
02758 Knob
31 1/2 Rose



07700 Knob
7012 Rose



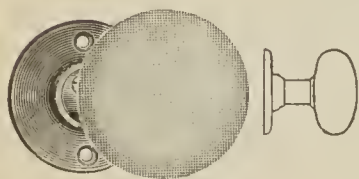
7201 Knob
37012 Rose



0868 Knob
12 Rose



7850 Knob
7012 Rose



300 Knob x 400 Rose
1300 Knob x 1300 Rose



405 Knob x 400 Rose
1405 Knob x 1300 Rose



400 Knob x 400 Rose
1400 Knob x 1300 Rose

Plain Shank 5/16 in. Spindle No. 10

Number	Size	Knob	Shanks	Rose Number	Size	Roses
0768	2 1/4 in.	Porcelain	Wrought Bronze	12	2 in.	Wrought Bronze
0868	2 1/4 in.	Jet	Wrought Bronze	12	2 in.	Wrought Bronze
7201	2 1/4 in.	Porcelain	Cast Iron, Fin. 4	37012	2 in.	Wrt. Steel, White Enamel
7700	2 1/4 in.	Porcelain	Cast Iron	7012	2 in.	Wrought Steel
7850	2 1/4 in.	Jet	Cast Iron	7012	2 in.	Wrought Steel
02758	2 1/4 in.	Porcelain	Cast Bronze, Simplex	31 1/2	2 1/4 in.	Cast Bronze

Number Mortise	Number Rim	Size	Knob	Shanks	Rose Number	Size	Roses
300M	300R	2 1/4 in.	Porcelain	Cast Iron, Japanned	400	2 in.	Cast Iron, Japanned
400M	400R	2 1/4 in.	Mineral	Cast Iron, Japanned	400	2 in.	Cast Iron, Japanned
405M	405R	2 1/4 in.	Jet	Cast Iron, Japanned	400	2 in.	Cast Iron, Japanned
1300M	1300R	1 3/4 in.	Porcelain	Cast Iron, Japanned	1300	1 3/4 in.	Cast Iron, Japanned
1400M	1400R	1 3/4 in.	Mineral	Cast Iron, Japanned	1300	1 3/4 in.	Cast Iron, Japanned
1405M	1405R	1 3/4 in.	Jet	Cast Iron, Japanned	1300	1 3/4 in.	Cast Iron, Japanned

For Types of Knob Shanks and Spindles, see pages 216, 217.

Half dozen pairs in a box.

Nos. 1300 and 1405, twenty-five dozen pairs in a case, approximate weight, 240 pounds.

Other numbers twelve dozen, approximate weight, 145 pounds.

Specify Number and Finish.

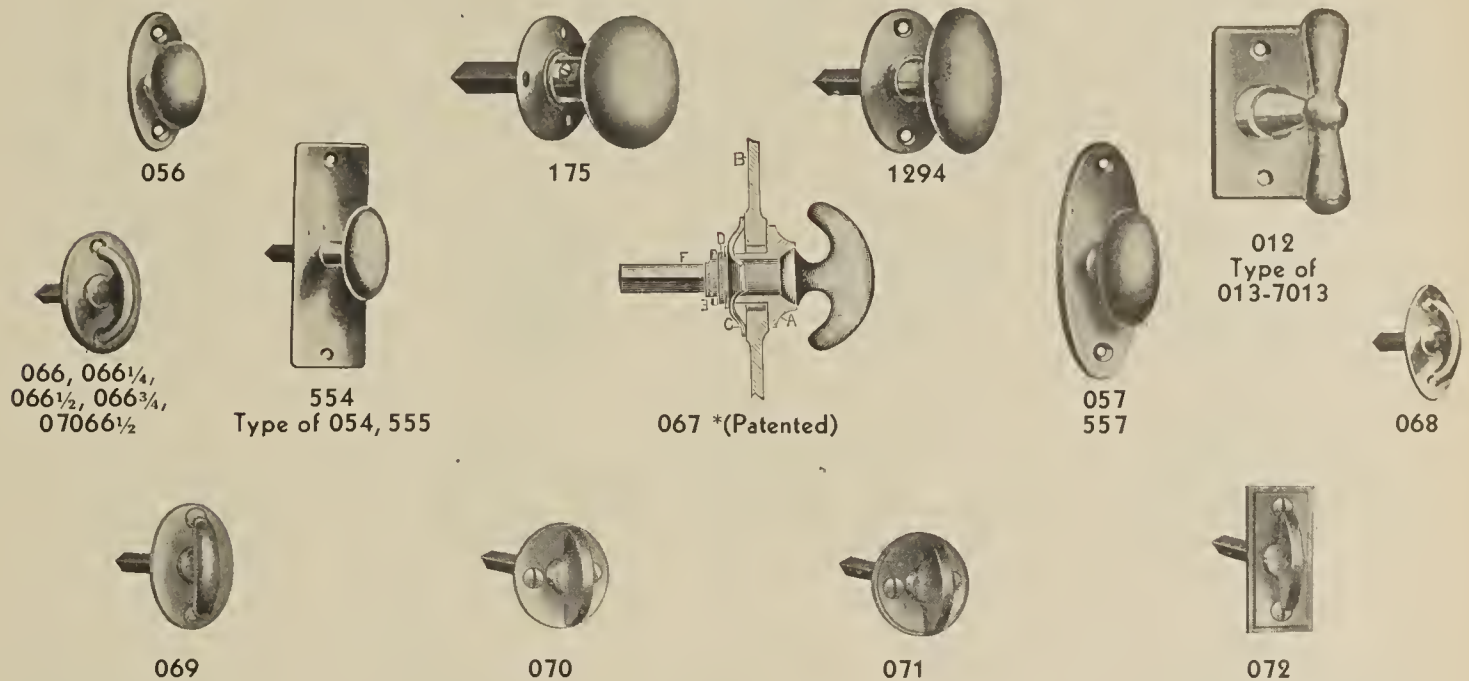
Swivel Spindles described on page 234.

Nos. 300 to 1405, without screws; others with screws.

Finishes described on pages 16 to 18.

Turn Knobs and T Handles

Illustrations One-third Size



Cast Brass or Bronze
With $\frac{3}{16}$ Inch Spindles

Number	Type Knob	Size	Type Plate or Rose	Size
054	Oval	$1\frac{3}{8} \times \frac{7}{8}$ in.	Rectangular	$3 \times \frac{7}{8}$ in.
056	Oval	$1\frac{1}{8} \times \frac{5}{8}$ in.	Oval	$1\frac{7}{8} \times \frac{7}{8}$ in.
057	Oval	$1\frac{3}{8} \times \frac{7}{8}$ in.	Oval	$3\frac{1}{4} \times 1\frac{1}{8}$ in.
066	Crescent	$1\frac{3}{8}$ in.	Oval	$1\frac{3}{4} \times 1\frac{1}{8}$ in.
066 $\frac{1}{4}$	Crescent	$1\frac{3}{8}$ in.	Oval	$1\frac{1}{2} \times 1\frac{1}{8}$ in.
066 $\frac{1}{2}$	Crescent	$1\frac{3}{8}$ in.	Oval (Wrought)	$1\frac{3}{4} \times 1\frac{1}{8}$ in.
066 $\frac{3}{4}$	Crescent	$1\frac{3}{8}$ in.	Oval (Wrought)	$1\frac{1}{2} \times 1\frac{1}{8}$ in.
068	Crescent	$1\frac{3}{8}$ in.	Oval	$1\frac{7}{8} \times \frac{7}{8}$ in.
069	Crescent	$1\frac{3}{8}$ in.	Oval (Wrought)	$1\frac{5}{8} \times 1\frac{1}{8}$ in.
070	Crescent	$1\frac{1}{4}$ in.	Round	$1\frac{1}{4}$ in.
071	Crescent	$1\frac{1}{4}$ in.	Round	$1\frac{1}{4}$ in.
072	Crescent	$1\frac{1}{4}$ in.	Rectangular	$1\frac{7}{8} \times \frac{7}{8}$ in.
07066 $\frac{1}{2}$	Crescent (Iron)	$1\frac{3}{8}$ in.	Oval (Wrought Steel)	$1\frac{3}{4} \times 1\frac{1}{8}$ in.

With $\frac{5}{16}$ Inch Spindles, No. 5

175	Round	$1\frac{1}{2}$ in.	Round, No. 011 $\frac{1}{2}$	$1\frac{1}{2}$ in.
554	Oval	$1\frac{1}{4} \times \frac{3}{4}$ in.	Rectangular	$3 \times \frac{7}{8}$ in.
555	Oval	$1\frac{5}{8} \times \frac{7}{8}$ in.	Rectangular	$3 \times \frac{7}{8}$ in.
557	Oval	$1\frac{5}{8} \times \frac{7}{8}$ in.	Oval	$3\frac{1}{4} \times 1\frac{1}{4}$ in.
1294	Oval	$1\frac{3}{4} \times 1\frac{1}{8}$ in.	Oval	$1\frac{7}{8} \times 1\frac{1}{4}$ in.

*067 Compensating Turn Knob. This Turn Knob is furnished with Cylinder Locks only when ordered with a combined rose and escutcheon requiring a Turn Knob.

The advantages are that it allows perfect alignment in application, thus insuring free action and reducing friction to a minimum. A—Collar on escutcheon having a vertical adjustment of $\frac{1}{8}$ in. B—Escutcheon. C—Tension spring. D—Washer. E—Pin which fastens spindle F to the turn and allows both vertical and horizontal play of the spindles, eliminating any tendency to bind.

T Handles with Roses

Number	Size	Rose	Description
012	$2\frac{5}{8}$ in.	$2\frac{1}{4} \times 1\frac{1}{4}$ in.	Cast Brass or Bronze
013	$3\frac{1}{8}$ in.	$2\frac{1}{4} \times 1\frac{1}{4}$ in.	Cast Brass or Bronze
7013	$3\frac{1}{8}$ in.	$2\frac{1}{4} \times 1\frac{1}{4}$ in.	Cast Iron

For ornamental turn knobs with $\frac{5}{16}$ inch spindles, see design section, pages 22 to 174.

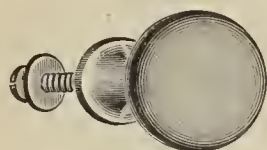
Knobs with $\frac{3}{16}$ inch spindles, six in a box, with screws; others, twelve in a box, with screws.

Specify Number and Finish.

Finishes described on pages 16 to 18.

T Handles, six in a box, with screws.

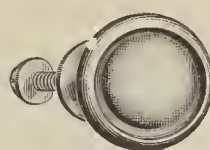
Drawer and Shutter Knobs



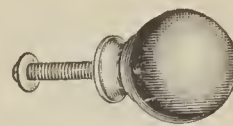
830 Type of 810, 820



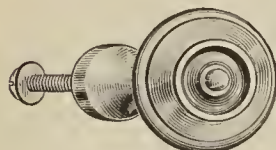
832 Type of 812, 822



825 Type of 835



837



841



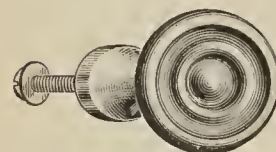
573 Pyramid



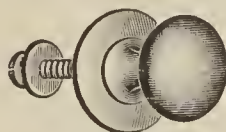
089



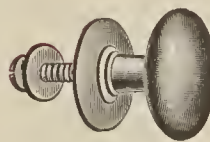
090



842



082, 083



095



840



43



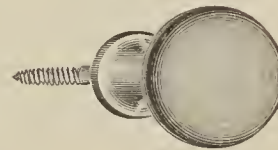
051



180



7132



830 1/2
Type of 810 1/2, 820 1/2

Illustrations One-half Size

Drawer Knobs (With 1 3/8 in.-8/32 Machine Screws for Fastening from Back)

Number	Size	Description
082	1 in.	Cast Brass or Bronze, Round
083	1 1/4 in.	Cast Brass or Bronze, Round
089	1 1/2 x 1 3/16 in.	Cast Brass or Bronze, Modern
090	1 3/4 x 7/8 in.	Cast Brass or Bronze, Modern
095 †	3/4 in.	Cast Brass or Bronze, Oval
095 †	1 1/8 in.	Cast Brass or Bronze, Oval
573 Pyramid	1 1/2 x 1 in.	Cast Brass or Bronze, Modern
810	3/4 in.	Cast Brass or Bronze, Round
812	3/4 in.	Wrought Brass or Bronze, Round
820	1 in.	Wrought Brass or Bronze, Round
822	1 in.	Wrought Brass or Bronze, Round
825	1 in.	Wrought Brass or Bronze, Round
830	1 1/4 in.	Wrought Brass or Bronze, Round
832	1 1/4 in.	Wrought Brass or Bronze, Round
835	1 1/4 in.	Wrought Brass or Bronze, Round
837	1 in.	Wrought Brass or Bronze, Round
840	1 1/8 in.	Cast Brass or Bronze, Round
841	1 1/4 in.	Cast Brass or Bronze, Round
842	1 1/4 in.	Cast Brass or Bronze, Round

Shutter Knobs (With Screws for Wood)

Number	Size	Description
43 (to Navy Specifications 42K2.)	1 1/4 in.	Cast Brass or Bronze, Round
051	1 in.	Wrought Brass or Bronze, Round
180	3/4 in.	Cast Brass or Bronze, Round
810 1/2	3/4 in.	Cast Brass or Bronze, Round
820 1/2	1 in.	Wrought Brass or Bronze, Round
830 1/2	1 1/4 in.	Wrought Brass or Bronze, Round
7132	1 1/8 in.	Cast Iron, Oval

Specify Number and Finish.

Finishes described on pages 16 to 18.
No. 083, one dozen, others two dozen in a box.

†Specify number and size.

Knob Roses

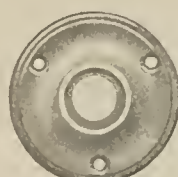
Illustrations One-third Size



011 1/2
Type of 011 3/8
011 3/4, 7011 1/2



111 1/2
Type of 31 1/2, 31 3/4,
32 1/4, 111 3/4, 112 1/4



22 1/4



12
Type of
7012, 37012



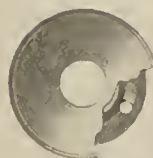
3112 1/4
Type of 3031 1/2
3031 3/4, 3032 1/4,
3111 1/2, 3111 3/4,
3112, 7112 1/4

Russwin Dual Fastened Rose

Concealed Screw Type



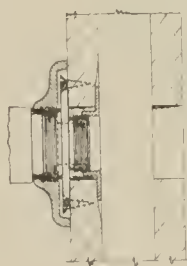
F382



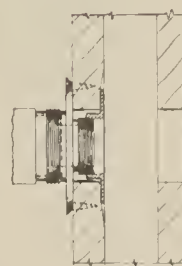
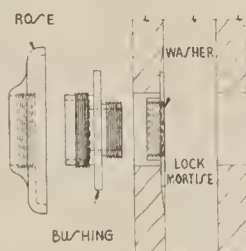
482



483



F3112



F372
Type of F371



2333
Norfolk



3122
Type of 3122 1/4

Eliminates loosening of Rose when applied to Thin Doors.
Held in place by Washer and Threaded Collar.

Cast Brass or Bronze

Number Plain Bushing	Number Screwless or Simplex Bushing	Size	Size Bushing	Description
31 1/2	3031 1/2	1 1/2 in.	3/4 in.	With Auxiliary Spring
31 3/4	3031 3/4	1 3/4 in.	3/4 in.	With Auxiliary Spring
32 1/4	3032 1/4	2 1/4 in.	3/4 in.	With Auxiliary Spring

Cast Brass or Bronze

Number Plain Bushing	Number Screwless or Simplex Bushing	Size	Size Bushing	Number Screwless or Simplex Bushing	Size	Size Bushing
011 3/8 (For Mortise Bolts)		1 3/8 in.	9/16 in.	F371	1 5/8 in.	3/4 in.
011 1/2 (For Mortise Bolts)		1 1/2 in.	9/16 in.	F372	1 13/16 in.	3/4 in.
011 3/4 (For Mortise Bolts)		1 3/4 in.	9/16 in.	F382 (Concealed Screws)	2 in.	3/4 in.
111 1/2	3111 1/2	1 1/2 in.	3/4 in.	482 (Concealed Screws)	2 in.	3/4 in.
111 3/4	3111 3/4	1 3/4 in.	3/4 in.	483 (Concealed Screws)	2 3/8 x 1 1/16 in.	3/4 in.
	3112	2 in.	3/4 in.	2331 Win.	1 11/16 in.	3/4 in.
112 1/4	3112 1/4	2 1/4 in.	3/4 in.	2332 Win.	1 15/16 in.	3/4 in.
	3122	2 in.	3/4 in.	2333 Nor.	2 1/16 in.	3/4 in.
	3122 1/4	2 1/4 in.	3/4 in.	F3112 (Dual Fastened)	2 in.	3/4 in.

Wrought Brass or Bronze

Number, Plain, Screwless or Simplex Bushing	Size	Size Bushing
11 3/4	1 3/4 in.	3/4 in.
12	2 in.	3/4 in.
22 1/4	2 1/4 in.	3/4 in.

Cast Iron

Number Plain Bushing	Size	Size Bushing
7011 1/2 (For Mortise Bolt)	1 1/2 in.	9/16 in.
7112 1/4	2 1/4 in.	3/4 in.

Wrought Steel

Number Plain Bushing	Size	Size Bushing
7012	2 in.	3/4 in.
37012 (White Enamel)	2 in.	3/4 in.

Specify Number and Finish.

Finishes described on pages 16 to 18

Knob Roses

Illustrations One-third Size



081 $\frac{1}{4}$
Type of
181 $\frac{1}{4}$, 3181 $\frac{1}{4}$



181
Type of 3181



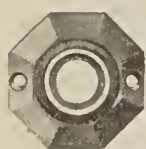
181 $\frac{1}{2}$
Type of 3181 $\frac{1}{2}$



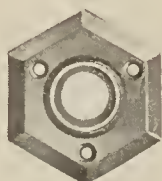
181 $\frac{5}{8}$
Type of 3181 $\frac{5}{8}$



2781



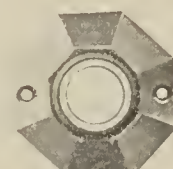
141 $\frac{3}{4}$
Type of 041 $\frac{3}{8}$
142 $\frac{1}{4}$, 142 $\frac{1}{2}$



242
Type of
3242 $\frac{1}{4}$



42 $\frac{1}{4}$
Type of 342 $\frac{3}{8}$
3042 $\frac{1}{4}$, 3342 $\frac{3}{8}$
7042 $\frac{1}{4}$



3142 $\frac{1}{4}$
Type of
3141 $\frac{3}{4}$, 3142 $\frac{1}{2}$

Oval Type

Number Plain Bushing	Number Screwless or Simplex Bushing	Size	Size Bushing	Description
081 $\frac{1}{4}$ (Mortise Bolt)		1 $\frac{7}{8}$ x 1 $\frac{1}{4}$ in.	$\frac{9}{16}$ in.	Cast Brass or Bronze
181	3181	2 $\frac{1}{2}$ x 1 in.	$\frac{3}{4}$ in.	Cast Brass or Bronze
181 $\frac{1}{4}$	3181 $\frac{1}{4}$	1 $\frac{7}{8}$ x 1 $\frac{1}{4}$ in.	$\frac{3}{4}$ in.	Cast Brass or Bronze
181 $\frac{1}{2}$	3181 $\frac{1}{2}$	2 $\frac{3}{8}$ x 1 $\frac{1}{2}$ in.	$\frac{3}{4}$ in.	Cast Brass or Bronze
181 $\frac{5}{8}$	3181 $\frac{5}{8}$	2 $\frac{1}{2}$ x 1 $\frac{5}{8}$ in.	$\frac{3}{4}$ in.	Cast Brass or Bronze

Hexagonal Type

242 $\frac{1}{4}$	3242 $\frac{1}{4}$	2 $\frac{1}{4}$ x 2 in.	$\frac{3}{4}$ in.	Cast Brass or Bronze
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Rectangular Type

2781	2 $\frac{3}{8}$ x 1 $\frac{3}{16}$ in.	$\frac{3}{4}$ in.	Cast Brass or Bronze
------	--	-------------------	----------------------

Octagonal Type

041 $\frac{3}{8}$ (Mortise Bolt)		1 $\frac{3}{8}$ in.	$\frac{9}{16}$ in.	Cast Brass or Bronze
141 $\frac{3}{4}$	3141 $\frac{3}{4}$	1 $\frac{3}{4}$ in.	$\frac{3}{4}$ in.	Cast Brass or Bronze
142 $\frac{1}{4}$	3142 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	$\frac{3}{4}$ in.	Cast Brass or Bronze
142 $\frac{1}{2}$	3142 $\frac{1}{2}$	2 $\frac{1}{2}$ in.	$\frac{3}{4}$ in.	Cast Brass or Bronze
342 $\frac{3}{8}$	3342 $\frac{3}{8}$	2 $\frac{3}{8}$ in.	$\frac{3}{4}$ in.	Cast Brass or Bronze
42 $\frac{1}{4}$	3042 $\frac{1}{4}$	2 $\frac{1}{4}$ in.	$\frac{3}{4}$ in.	Wrought Brass or Bronze
7042 $\frac{1}{4}$		2 $\frac{1}{4}$ in.	$\frac{3}{4}$ in.	Wrought Steel

Specify Number and Finish.

Finishes described on pages 16 to 18.

Combined Roses and Indicator Plates or Escutcheons



960, 961, 962
Type of T961
Camden



960, 961, 962
Type of T962
Madison



960, 961, 962
Type of T962
Monroe

Cast Brass or Bronze For Bitted Key Hotel Locks

Number	Design	Size	Description
960	Camden	5 $\frac{3}{4}$ x 2 $\frac{1}{4}$ in.	For outside trim of locks 608 $\frac{1}{4}$ EM, 609 $\frac{1}{4}$ EM, 610 $\frac{1}{4}$ EM, 619 $\frac{1}{4}$ EM.
961	Camden	4 $\frac{1}{2}$ x 2 $\frac{1}{4}$ in.	For inside trim of locks 608 $\frac{1}{4}$ EM, 609 $\frac{1}{4}$ EM, 610 $\frac{1}{4}$ EM.
T961	Camden	4 $\frac{1}{2}$ x 2 $\frac{1}{4}$ in.	For inside trim of lock 619 $\frac{1}{4}$ EM.
962	Camden	3 $\frac{7}{8}$ x 2 $\frac{1}{4}$ in.	For either side of locks 1133 $\frac{3}{4}$ M, 1134 $\frac{3}{4}$ M.
960	Madison	6 $\frac{1}{2}$ x 2 $\frac{3}{8}$ in.	For outside trim of locks 608 $\frac{1}{4}$ EM, 609 $\frac{1}{4}$ EM, 610 $\frac{1}{4}$ EM, 619 $\frac{1}{4}$ EM.
961	Madison	4 $\frac{7}{8}$ x 2 $\frac{3}{8}$ in.	For inside trim of lock 608 $\frac{1}{4}$ EM.
962	Madison	4 $\frac{1}{8}$ x 2 $\frac{3}{8}$ in.	For inside trim of locks 609 $\frac{1}{4}$ EM, 610 $\frac{1}{4}$ EM. For either side of locks 1133 $\frac{3}{4}$ EM, 1134 $\frac{3}{4}$ EM.
T962	Madison	4 $\frac{1}{8}$ x 2 $\frac{3}{8}$ in.	For inside trim of lock 619 $\frac{1}{4}$ EM.
960	Monroe	6 x 2 $\frac{1}{4}$ in.	For outside trim of 608 $\frac{1}{4}$ EM, 609 $\frac{1}{4}$ EM, 610 $\frac{1}{4}$ EM, 619 $\frac{1}{4}$ EM.
961	Monroe	4 $\frac{7}{8}$ x 2 $\frac{1}{4}$ in.	For inside trim of lock 608 $\frac{1}{4}$ EM.
962	Monroe	4 x 2 $\frac{1}{4}$ in.	For inside trim of locks 609 $\frac{1}{4}$ EM, 610 $\frac{1}{4}$ EM.
T962	Monroe	4 x 2 $\frac{1}{4}$ in.	For inside trim of lock 619 $\frac{1}{4}$ EM.

Specify Number, Design, Finish, Lock and Knob with which it is to be used.

Finishes described on pages 16 to 18.

Combined Roses and Indicator Plates or Escutcheons

Cast Brass or Bronze



966
Carlton



966
Chateau



966
Madison



966
Monroe



966
Penn

For Cylinder Hotel Locks

Number	Design	Size	Description
966	Carlton	3½ x 2¾ in.	For outside trim of locks 1232EM, 1233EM, 1233AEM, 1233REM, 1233½REM, 1234½EM, 1250SM, 1446EM, 1447EM, 1448EM, 1449EM.
966	Chateau	4¾ x 2 in.	For outside trim of locks 1232EM, 1233EM, 1233AEM, 1233REM, 1233½REM, 1234½EM, 1250SM, 1446EM, 1447EM, 1448EM, 1449EM.
966	Madison	3¾ x 2¾ in.	For outside trim of locks 1232EM, 1233EM, 1233AEM, 1233REM, 1233½REM, 1234½EM, 1250SM, 1446EM, 1447EM, 1448EM, 1449EM.
966	Monroe	3⅝ x 2¼ in.	For outside trim of locks 1232EM, 1233EM, 1233AEM, 1233REM, 1233½REM, 1234½EM, 1250SM, 1446EM, 1447EM, 1448EM, 1449EM.
966	Penn	3¼ x 1⅞ in.	For outside trim of locks 1232EM, 1233EM, 1233AEM, 1233REM, 1233½REM, 1234½EM, 1250SM, 1446EM, 1447EM, 1448EM, 1449EM.

Combined Cylinder Collars and Indicator Plates



967
Calman



967
Madison



967
Penn

For Cylinder Hotel Locks

Number	Design	Size	Description
967	Calman	3 x 2¼ in.	For outside trim of locks 1241¾EM, 1246¾EM.
967	Madison	3⅛ x 2⅝ in.	For outside trim of locks 1241¾EM, 1246¾EM.
967	Penn	2⅝ x 1⅞ in.	For outside trim of locks 1241¾EM, 1246¾EM.

Specify Number, Design, Finish, Lock and Knob with which it is to be used.

Finishes described on pages 16 to 18.

Escutcheons

(Key Plates)

Illustrations One-quarter Size



030



031



032



033



930 Clinton



931 Faneuil



003



925, 926 Fenwick



4-04



725



65 1/2, 7065 1/2



66, 66 1/2, 7066 1/2
37066 1/2



68
Type of 69



923 Fenwick



925 Arden
Type of 925 Bed.



925 Warren



925 Clinton



925 Saybrook



925 Hayden



925 Sunburst



925 Sapho



70



71



71D



72



72D

Number	Size	Description
003	1 5/8 x 1 in.	Wrought Steel, Japanned
4	1 3/4 x 1 3/16 in.	Cast Iron, Japanned, for Steel Key
04	1 3/4 x 1 3/16 in.	Cast Iron, Japanned, for Brass Key
030	2 x 7/8 in.	Cast Brass or Bronze, with Drop
031	2 3/8 x 7/8 in.	Cast Brass or Bronze, with Drop
032	2 1/8 x 7/8 in.	Cast Brass or Bronze, with Drop
033	2 1/8 x 7/8 in.	Cast Brass or Bronze, with Drop
65 1/2	1 3/4 x 1 1/16 in.	Wrought Brass or Bronze
66	1 5/8 x 1 1/8 in.	Cast Brass or Bronze
66 1/2	1 5/8 x 1 1/8 in.	Wrought Brass or Bronze
68	1 7/8 x 7/8 in.	Cast Brass or Bronze
69	1 5/8 x 1 1/8 in.	Wrought Brass or Bronze
70	1 1/4 in.	Cast Brass or Bronze, Modern
71	1 1/4 in.	Cast Brass or Bronze, Modern
71D	1 1/4 in.	Cast Brass or Bronze, with Drop, Modern
72	1 7/8 x 7/8 in.	Cast Brass or Bronze, Modern
72D	2 x 7/8 in.	Cast Brass or Bronze, with Drop, Modern
725	1 5/8 x 1 in.	Cast Brass or Bronze
925 Arden	2 x 1 in.	Cast Brass or Bronze, Matted Surface, Beveled Edge
926 Arden	2 x 1 in.	Cast Brass or Bronze, Matted Surface, Moulded Edge
925 Bedford	1 3/4 x 7/8 in.	Cast Brass or Bronze, Matted Surface
925 Clinton	1 7/8 x 7/8 in.	Cast Brass or Bronze
930 Clinton	1 7/8 x 7/8 in.	Cast Brass or Bronze, with Drop
931 Faneuil	1 7/8 x 7/8 in.	Cast Brass or Bronze, with Drop
923 Fenwick	1 5/8 x 1 1/4 in.	Cast Brass or Bronze
925 Fenwick	1 5/8 x 1 1/4 in.	Cast Brass or Bronze
926 Fenwick	1 3/8 x 1 1/4 in.	Cast Brass or Bronze
925 Hayden	1 3/8 x 1 5/8 in.	Cast Brass or Bronze
925 Sapho	1 3/4 x 1 1/4 in.	Cast Brass or Bronze
925 Saybrook	1 1/4 in.	Cast Brass or Bronze
925 Sunburst	2 x 1 1/4 in.	Cast Brass or Bronze
925 Warren	2 x 1 in.	Cast Brass or Bronze
7065 1/2	1 3/4 x 1 1/16 in.	Wrought Steel
7066 1/2	1 5/8 x 1 1/8 in.	Wrought Steel
37066 1/2	1 5/8 x 1 1/8 in.	Wrought Steel, Electro Galvanized, White Enamel

Two dozen in a box, with screws.

Specify Number, name of Design and Finish.

Finishes described on pages 16 to 18.

Cylinder Collars

Illustration One-quarter Size



910 Arden



910 Bedford



910 Prockter



910 Chatham



910 Franklin



910 Westbrook



910 Brewster



910 Andre



910 Hastings



910 Pyramid



910 Sunburst



910 Laredo



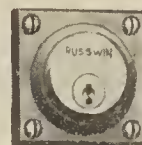
910 Hayden



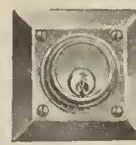
910 Greenwich



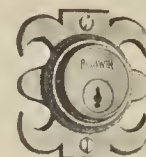
910 Tempo



910 Pemberton



910 1/2 Randolph



910 Somerset



910 Newton



910 Ellington



911 Shirley



913-A



913-B



913-C



913-D

Cast Brass or Bronze

Number	Size	Number	Size
910 Andre	2 7/8 x 2 1/8 in.	910 Prockter	2 1/4 in.
910 Arden	2 3/8 in.	910 Pemberton	2 3/8 x 2 3/8 in.
910 Bedford	2 1/2 in.	910 Pyramid	3 1/4 x 2 1/4 in.
910 Brewster	4 1/8 x 2 1/8 in.	910 1/2 Randolph	3 x 3 in.
910 Chatham	2 3/16 in.	910 Somerset	2 3/4 x 2 5/8 in.
910 Ellington	3 7/8 x 2 in.	910 Sunburst	2 in.
910 Franklin	2 3/8 in.	910 Tempo	2 1/16 x 2 1/16 in.
910 Greenwich	2 3/8 x 1 11/16 in.	910 Westbrook	2 3/4 in.
910 Hastings	2 7/8 x 2 7/8 in.	911 Shirley	2 in.
910 Hayden	2 1/4 x 2 1/2 in.	913-A (With Drop)	2 3/8 x 1 9/16 in.
910 Laredo	2 5/8 x 2 1/2 in.	913-B (With Drop)	2 3/8 x 1 5/8 in.
910 Newton	3 3/4 x 2 1/8 in.	913-C	1 7/8 in.
		913-D (With Drop)	2 1/8 in.

For other design Cylinder Collars see pages 22 to 130, 179, 180, 188 to 196.

Specify Number, name of Design and Finish. Finishes described on pages 16 to 18. Twelve in a box, with screws.

Knob Parts and Closet Knob Spindles

Illustrations One-half Size

Auxiliary Spring



30, 31

Knob Spindle Holders



20



21

Knob Washer



70, Full Size
Type of 71

Knob Screws for
Simplex Shanks



81, Full Size
Type of 80-82

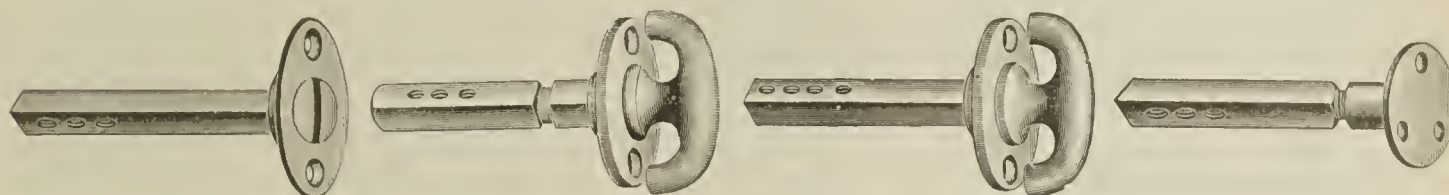


83 Full Size

Knob Screw for
Plain Shanks



90, 90 1/2
Full Size



7035
Type of 7055

39 1/2, 7039 1/2
For Colonial Type Knobs

39, 7039
Type of *49, 59, *7049, 7059

34
Type of *44, 54, *7045

Auxiliary Springs—Cast Bronze, Unpolished

The case contains a coiled steel spring designed to prevent sagging of heavy lever handles, and also to relieve the latch spring in locks from heavy wear. Mortised into door between lock hub and rose or escutcheon.

Number	Size	Description
30	2 x 3/8 in. For use with Rose not less than 2 1/4 in. diameter or Escutcheons not less than 2 1/4 in. wide	For 5/16 in. Spindle
31	2 x 3/8 in. For use with Rose not less than 2 1/4 in. diameter or Escutcheons not less than 2 1/4 in. wide	For 3/8 in. Spindle

Knob Spindle Holders

To be applied to door under rose or escutcheon to make knob rigid. Especially desirable with knobs when used as "Dummy Trim."

20	1 1/8 x 1 1/8 in.	Wrought Steel, Unpolished	For 5/16 in. Spindle
21	3/4 x 3/4 in.	Cast Iron, Unpolished	For 3/16 in. Spindle

Knob Washers

70	5/8 in.	Wrought	For 5/16 in. Spindle
71	5/8 in.	Wrought	For 3/8 in. Spindle

Knob Screws

Number	Length	Diameter	Thread	Description
80	7/32 in.	1/4 in.	32	Steel, Plated
81	9/32 in.	1/4 in.	32	Steel, Plated
82	15/64 in.	5/16 in.	32	Steel, Plated
83	21/64 in.	5/16 in.	32	Steel, Plated
90	3/8 in. x No. 9			Steel, Plated
90	3/8 in. x No. 9			Steel, Blued
90 1/2	7/16 in. x No. 9			Steel, Plated

Closet Knob Spindles

Number Plain Shank	Number French Shank	Number Screwless or Simplex Shank	Size	Spindle	Description
34*	44*	54	1 1/8 in. Rose	5/16 in.	Cast Brass or Bronze, Polished
39	49*	59	1 1/2 in. Rose	5/16 in.	Cast Brass or Bronze, Polished
039 1/2 †			1 1/2 in. Rose	5/16 in. Swivel	Cast Brass or Bronze, Polished
2033			1 in. Rose	5/16 in. For Rim Locks	Cast Iron, Japanned
7033			1 in. Rose	5/16 in. For Rim Locks	Cast Iron, Plated
7035	7045*	7055	1 1/2 x 3/4 in. Rose	5/16 in.	Cast Iron, Plated
7039	7049*	7059	1 1/2 in. Rose	5/16 in.	Cast Iron, Plated
7039 1/2 †			1 1/2 in. Rose	5/16 in. Swivel	Cast Iron, Plated

†For use with Colonial Type Knobs 337, 338, 339, 340, 1378, etc.

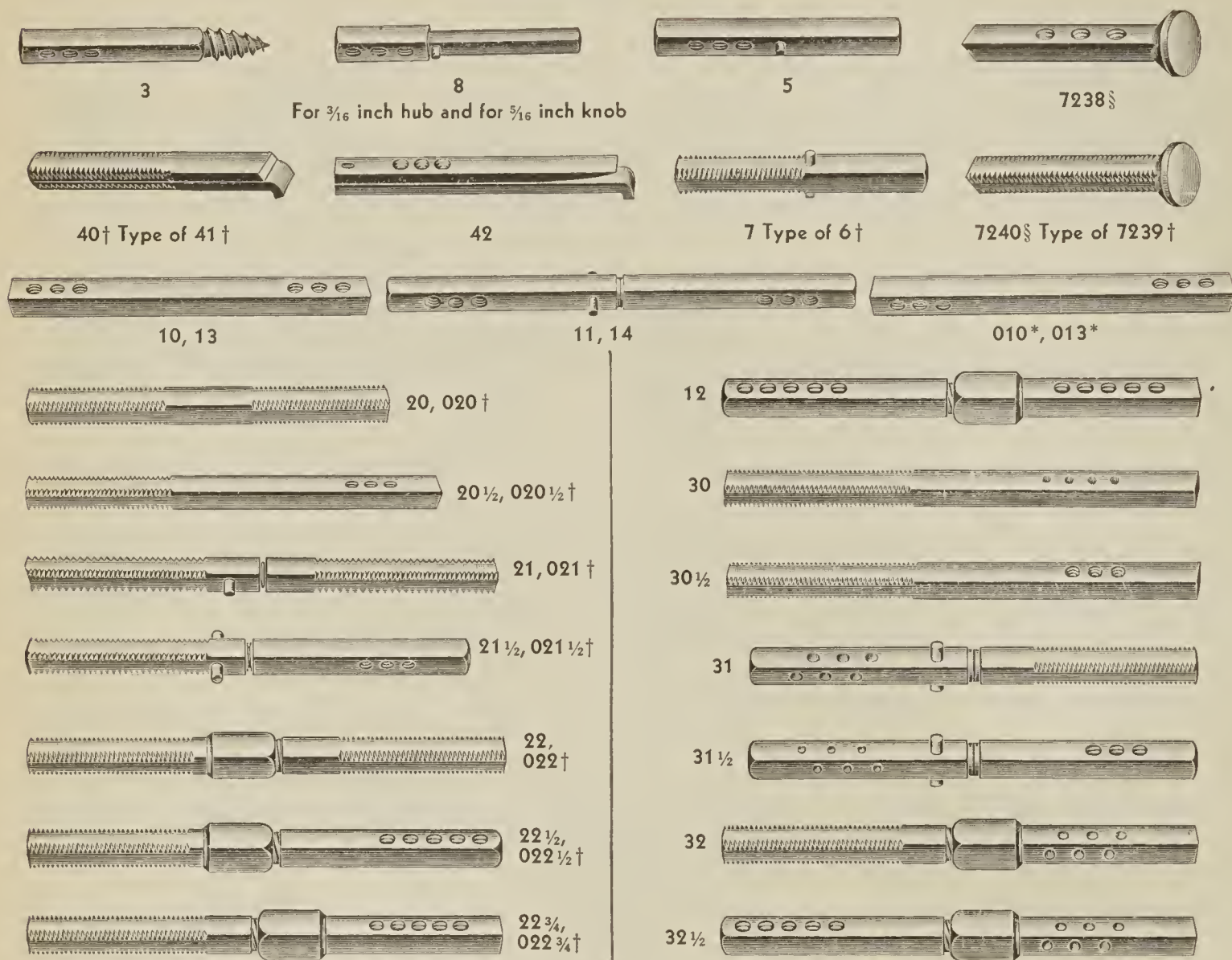
* Grooved, for knobs with French shanks when No. 81 Knob Screw is used.

Specify Number and Finish.

Finishes described on pages 16 to 18.

Specify number of knobs with which spindles are to be used and thickness of door.

Knob Spindles—Steel



Illustrations One-half Size

For Knobs Used as Door Pulls

Number	Size	Description
3	$\frac{5}{16}$ in.	Steel, Plain Shank
For Mortise Bolt Knobs		
5	$\frac{5}{16}$ in.	Plain Shank
6†	$\frac{5}{16}$ in.	French Shank (Grooved)
7	$\frac{5}{16}$ in.	Simplex or Screwless Shank
8	$\frac{5}{16} \times \frac{3}{16}$ in.	Plain Shank

For Plain Shank Knobs

10	$\frac{5}{16}$ in.	Straight
010*	$\frac{5}{16}$ in.	Straight
13	$\frac{3}{8}$ in.	Straight
013*	$\frac{3}{8}$ in.	Straight
11	$\frac{5}{16}$ in.	Swivel
14	$\frac{3}{8}$ in.	Swivel
12	$\frac{5}{16} \times \frac{3}{8}$ in.	Dual Swivel

For Simplex Shanks

20, 020†	$\frac{5}{16}$ in.	Steel, Straight
21, 021†	$\frac{5}{16}$ in.	Steel, Swivel
22, 022†	$\frac{5}{16} \times \frac{3}{8}$ in.	Steel, Dual Swivel

For Simplex x Plain Shank

Number	Size	Description
20 $\frac{1}{2}$, 020 $\frac{1}{2}$ †	$\frac{5}{16}$ in.	Straight
21 $\frac{1}{2}$, 021 $\frac{1}{2}$ †	$\frac{5}{16}$ in.	Swivel
22 $\frac{1}{2}$, 022 $\frac{1}{2}$ †	$\frac{5}{16} \times \frac{3}{8}$ in.	Dual Swivel
22 $\frac{3}{4}$, 022 $\frac{3}{4}$ †	$\frac{5}{16} \times \frac{3}{8}$ in.	Dual Swivel

For Screwless Shanks

30	$\frac{5}{16}$ in.	Straight
31	$\frac{5}{16}$ in.	Swivel
32	$\frac{5}{16} \times \frac{3}{8}$ in.	Dual Swivel

For Screwless x Plain Shank

30 $\frac{1}{2}$	$\frac{5}{16}$ in.	Straight
31 $\frac{1}{2}$	$\frac{5}{16}$ in.	Swivel
32 $\frac{1}{2}$	$\frac{5}{16} \times \frac{3}{8}$ in.	Dual Swivel

For Locks to Operate by Knob from One Side

40††	$\frac{5}{16}$ in.	Simplex or Screwless Shank
41†	$\frac{5}{16}$ in.	French Shank (Grooved)
42	$\frac{5}{16}$ in.	Plain Shank

For Rigid Knobs Used as Door Pulls

7238§	$\frac{5}{16}$ in.	Plain Shank
7239§†	$\frac{5}{16}$ in.	French Shank (Grooved)
7240§	$\frac{5}{16}$ in.	Simplex or Screwless Shank

* For oval knobs. †† Furnished 2 $\frac{5}{8}$ inches long for glass knobs and 3 $\frac{1}{4}$ inches for metal knobs, specify length. §Bronze plated.

† Grooved, for knobs with French Shank when No. 81 knob screw is used.

When so ordered, will be furnished with spindle holder to prevent turning of knob, see page 234.

Specify number of knobs with which spindles are to be used and thickness of doors.

One dozen in a box.

Escutcheons and Drop Handles

Cast Brass or Bronze

Illustrations One-quarter Size



972F
Type of T972F



972 1/2



972 1/2 F
Type of T972 1/2 F



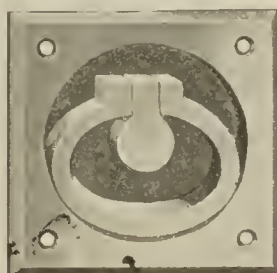
565F
Type of T565F



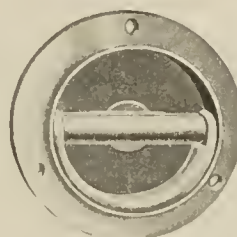
555F
Type of T555F



170, 7170



058



056



051, 053, 054



052, 052 3/4

Escutcheons for Sliding Door Locks

Number	Size	Size of Cup	Description
972 F	8 x 3 in.	6 1/8 x 2 1/4 in.	Escutcheon with Cylinder
T972 F	8 x 3 in.	6 1/8 x 2 1/4 in.	Escutcheon with Turn
972 1/2	8 x 3 in.	6 1/8 x 2 1/4 in.	Escutcheon with Cylinder and Drop Handle
972 1/2 F	8 x 3 in.	6 1/8 x 2 1/4 in.	Escutcheon with Cylinder and Drop Handle
T972 1/2 F	8 x 3 in.	6 1/8 x 2 1/4 in.	Escutcheon with Drop Handle and Turn
565 F	7 1/2 x 3 3/8 in.	6 1/8 x 2 5/8 in.	Escutcheon with Cylinder and Drop Handle
T565 F	7 1/2 x 3 3/8 in.	6 1/8 x 2 5/8 in.	Escutcheon with Drop Handle and Turn
555 F	7 x 2 3/4 in.	2 1/8 in.	Escutcheon with Drop Handle (for Bit-Key)
T555 F	7 x 2 3/4 in.	2 1/8 in.	Escutcheon with Drop Handle and Turn
170*	5 x 2 1/4 in.		Escutcheon for Sliding Door Lock 01331, etc.
7170†	5 x 2 1/4 in.		Escutcheon for Sliding Door Lock 01331, etc.

* Wrought bronze.

Specify finish and number of lock with which escutcheons are to be used.

† Wrought steel, bronze plated.

Nos. 170, 7170 have straight edge to mortise flush.

Drop Handles with Flush Cup

These handles can not be spindled in pairs, but can be furnished with 5/16 in. spindles and fitted with knobs or lever handles. Specify thickness of door and type of spindle.

Drop Handles not recommended for use with locks that have split hubs.

Number	Size	Depth of Cup	Number	Size	Depth of Cup
051	1 1/2 in.	3/8 in.	054	2 1/2 in.	3/8 in.
052	2 1/2 x 2 1/4 in.	3/8 in.	056	3 in.	Surface
052 3/4	1 3/4 x 1 3/4 in.	3/8 in.	058	3 1/2 x 3 1/2 in.	1/2 in.
053	2 in.	3/8 in.			

Specify Number and Finish.

Finishes described on pages 16 to 18.

Six in a box, with screws.

Hand and Bevel of Doors



Left Hand



Right Hand



Left Hand, Reverse Bevel



Right Hand, Reverse Bevel

Hand of Door

The hand of a door is determined from the Outside (above illustrations are taken from outside), except French doors on which the hand is taken from Inside, when cremone bolts or casement fasteners are used.

The outside of an Entrance door is the street side.

The outside of a Room door is the hall side.

The outside of a Closet door is the room side.

The outside of a Communicating door is the side from which, when the door is closed, the butts can not be seen.

The outside of Twin doors is the side between the two doors.

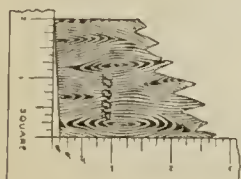
The inside of a French door is the side on which the cremone bolt is applied.

Standing outside the door if the butts are on the right it is a right hand door; if on the left it is a left hand door.

If, when standing outside, the door opens from you, or inward, it takes a lock with regular bevel latch bolt; if it opens toward you, or outward, it takes a lock with reverse bevel latch bolt (See illustration above).

Locks described as "Reversible" can be used on doors of either hand, except when the door is beveled. In this case the hand and bevel of door must be given.

Bevel of Door



A door is beveled when its edge is not at right angle with the surface.

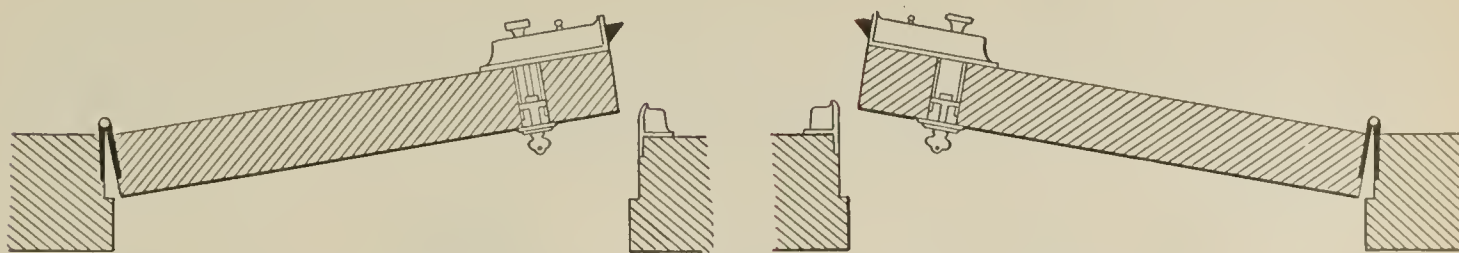
Mortise locks for such doors require fronts beveled to correspond to the door.

The Bevel is determined by placing square on the door.

State thickness of door and the distance that one edge is back of the other.

The standard bevel is $\frac{1}{8}$ inch on 2 inches.

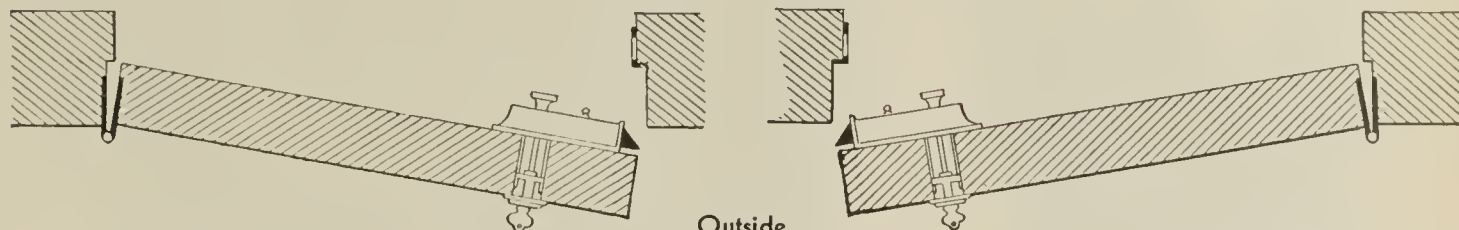
Hand of Rim Locks



Left Hand Lock
(Door left hand)

Outside

Right Hand Lock
(Door right hand)

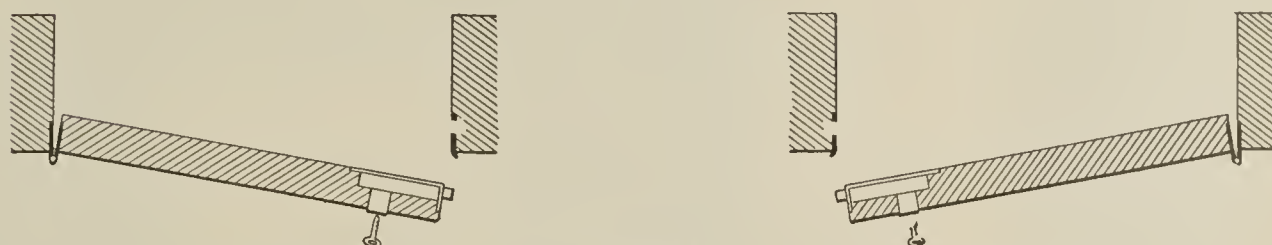


Left Hand Reverse Bevel Lock
(Door right hand)

Outside

Right Hand Reverse Bevel Lock
(Door left hand)

Book Case or Cupboard

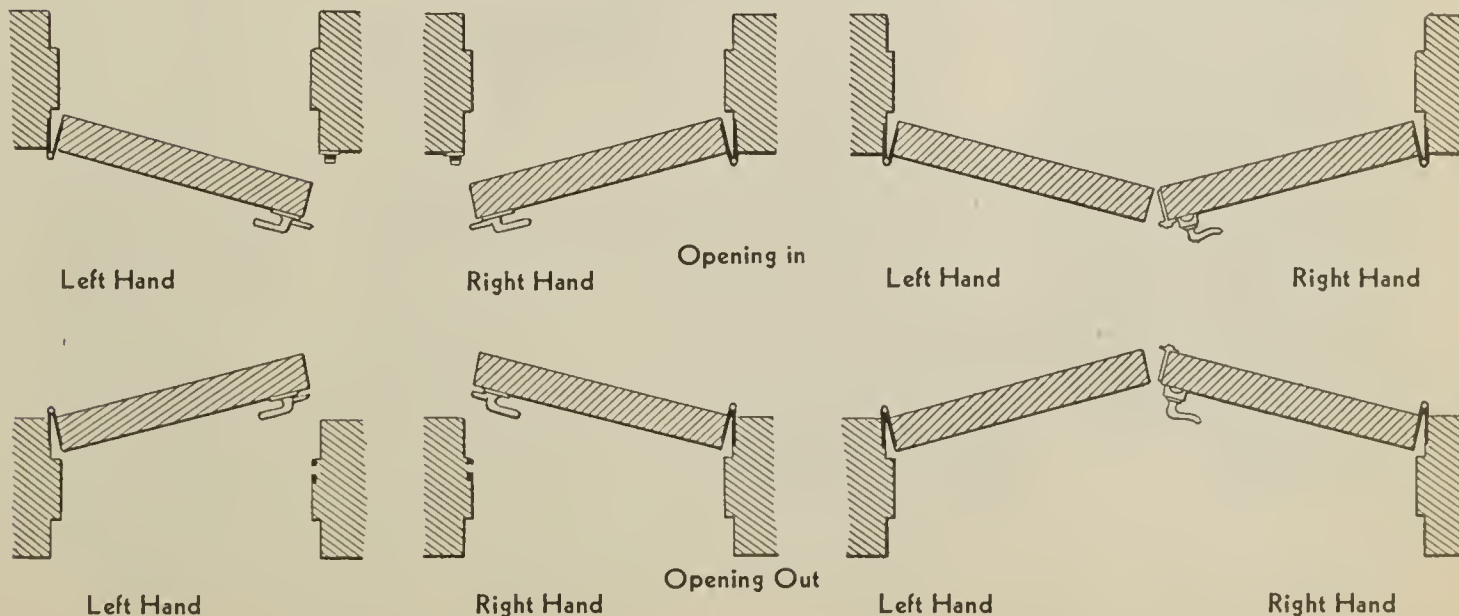


Left Hand Lock
(Door left hand)

Outside

Right Hand Lock
(Door right hand)

Casement Windows



Left Hand

Right Hand

Opening in

Left Hand

Right Hand

Left Hand

Right Hand

Opening Out

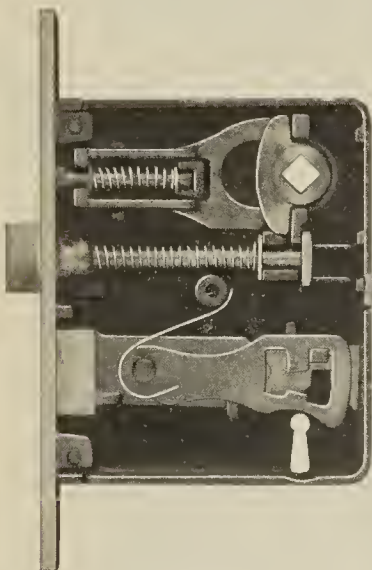
Left Hand

Right Hand

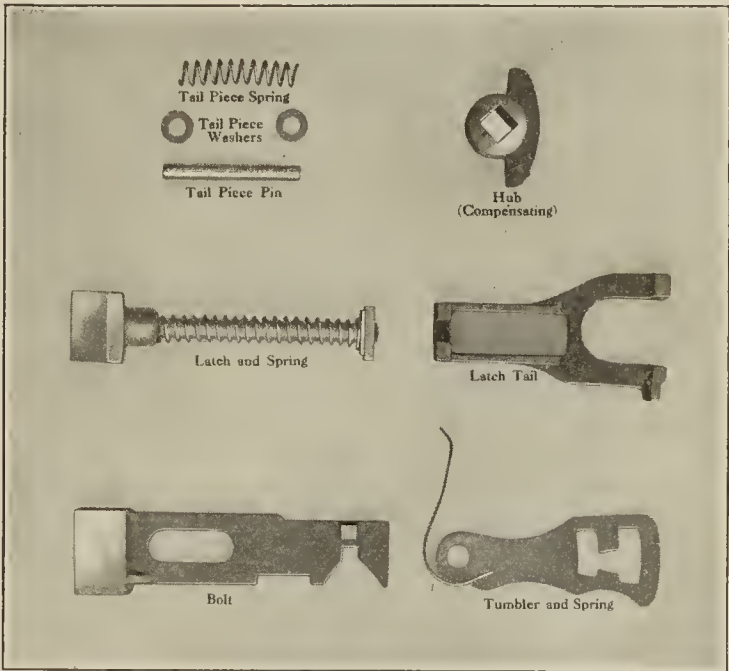
Locks and Component Parts

For convenience and accuracy in ordering lock parts we illustrate two locks and their component parts. The relation of the various parts to each other is clearly shown in the views of the locks with covers removed.

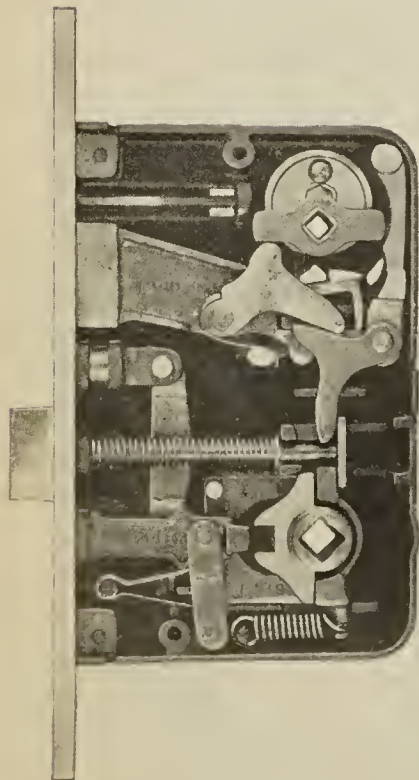
Repairs for Locks—Orders for new parts of locks should be accompanied with the old parts. Unless the part returned shows defective material or imperfect workmanship, a charge will be made for the new parts furnished, based on their cost.



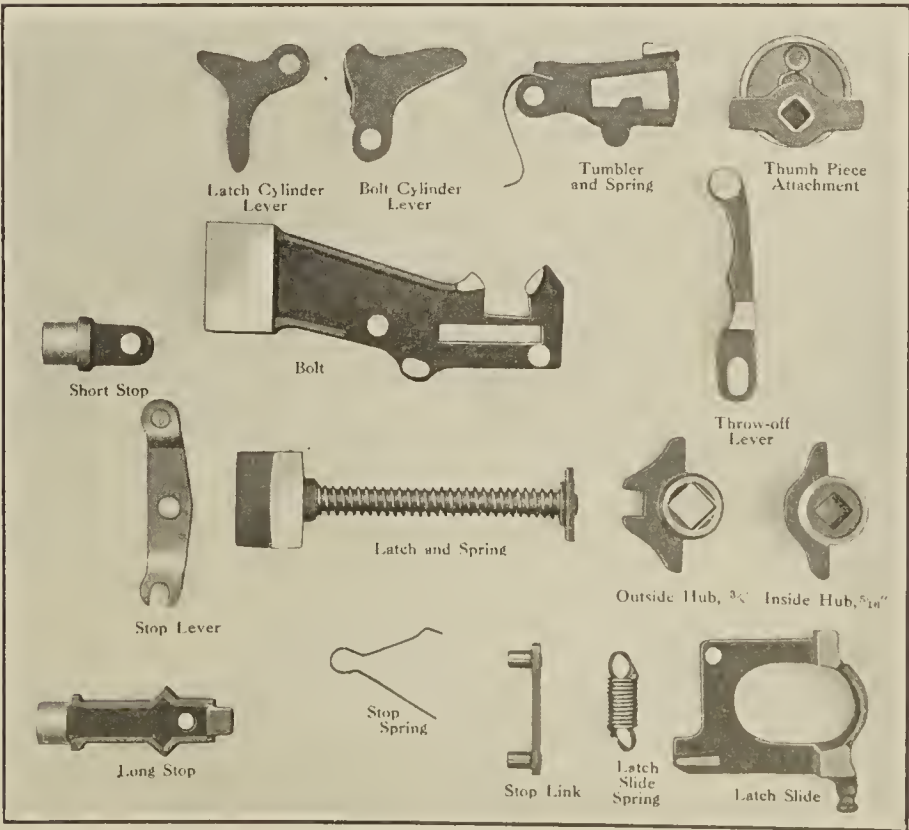
Lock 384 3/4



Cap and Cap Screws not illustrated



Lock 1238



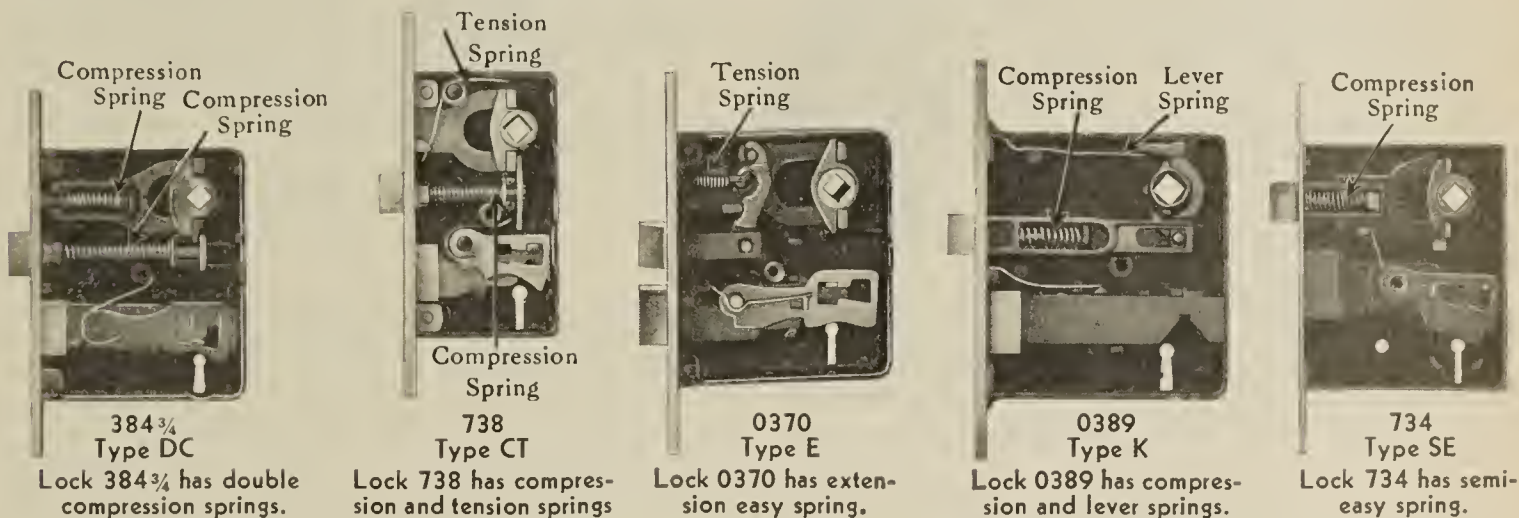
Cylinder, Cylinder Set Screws, Cap and Cap Screws not illustrated

Lock Constructions

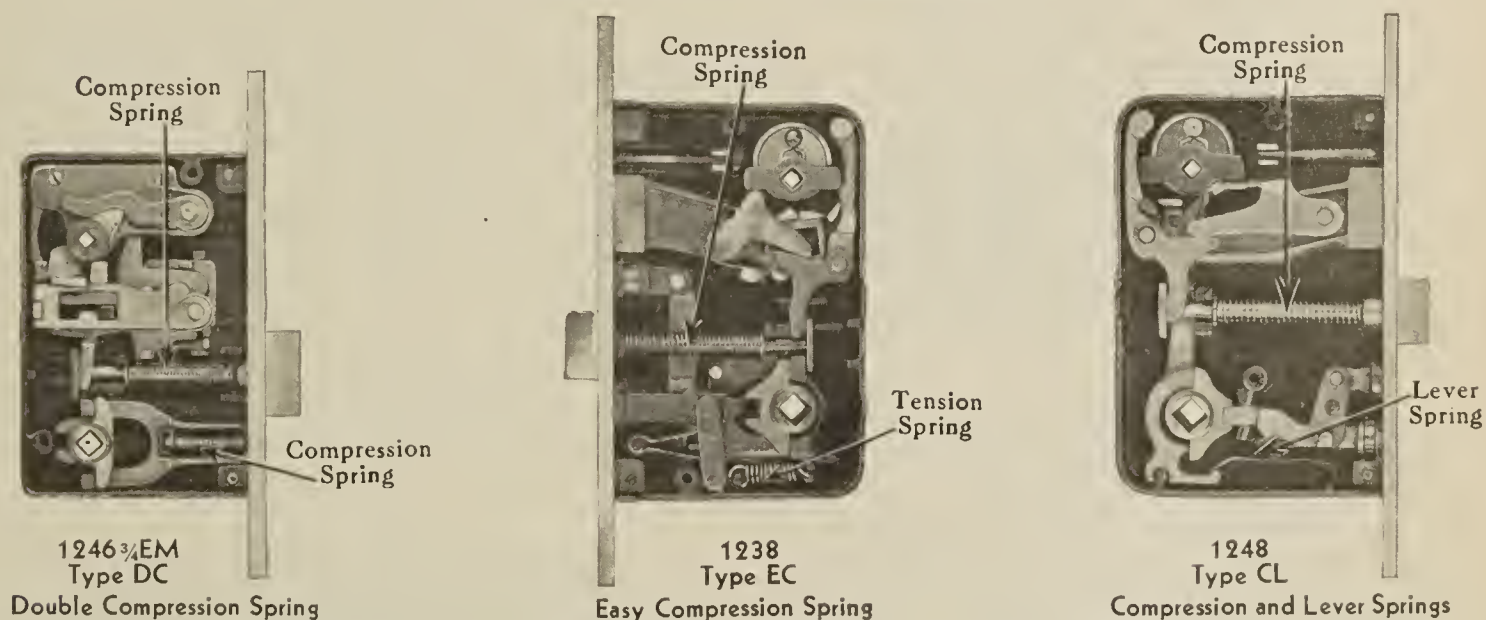
Illustrating the various types of Spring and Latch Construction used in mortise locks. The type used in each lock is indicated, by letter, in the descriptions of locks.

The type of spring constructions herewith shown covers practically the entire Russwin line and are for purpose of comparison only.

Bitted Key Locks for Use with Knobs

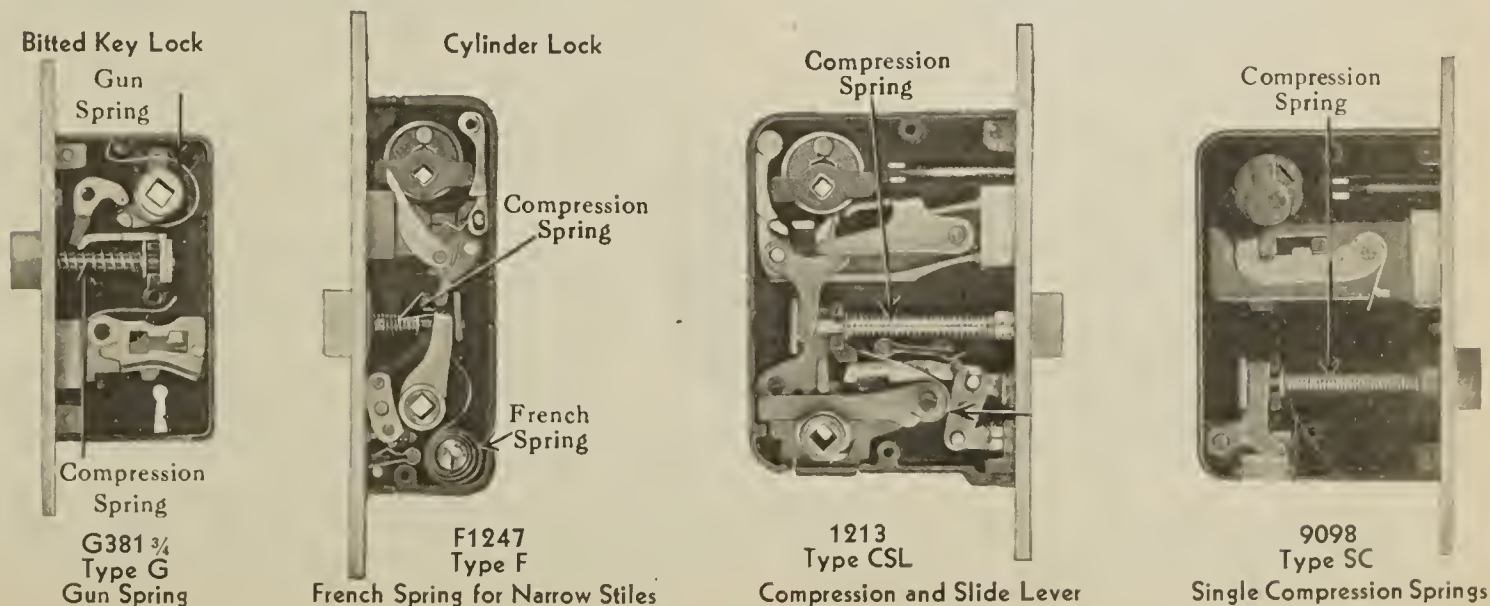


Cylinder Locks for Use with Knobs



Locks for Use with Lever Handles

Cylinder Locks for Use with Entrance Door Handles



Definitions and Terms Applying to Russwin Locks

Anti-friction Latch—A small additional latch connected with the regular latch bolt in high grade cylinder locks, which engages the strike and retracts the regular latch.

It prevents friction between latch and strike, strain on the lock, and permits the door to close more easily.

Recommended for doors on which Door Closers are used.

Auxiliary or (Guard) Latch—A supplemental latch used for deadlocking locks which do not have dead bolts.

An Auxiliary Latch does not engage in, but rides on, the surface of the strike. This holds the Auxiliary Latch depressed,

Anti-friction
Latch →
Regular
Latch →



Type of
Latches

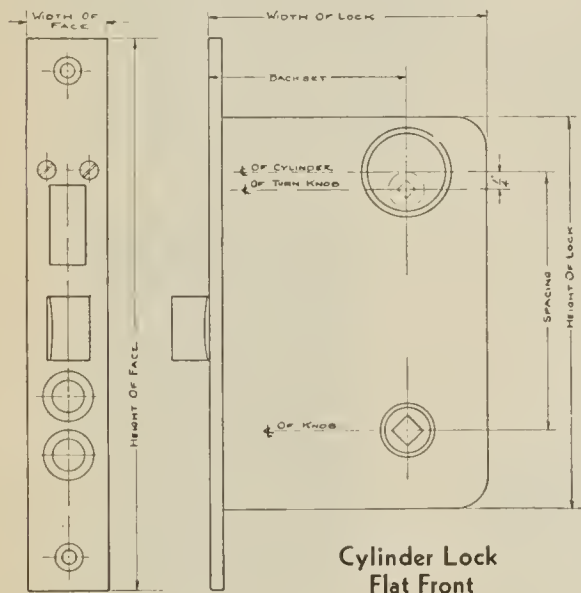
Auxiliary
or Guard
Latch →



and when the outside knob has been set, the regular latch bolt cannot be retracted by any means other than the key from outside and knob inside. It also prevents any manipulation of stops in face of lock when door is closed.

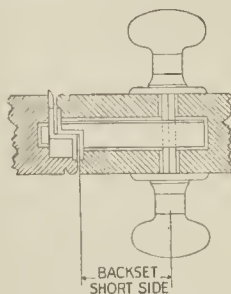
Russwin Auxiliary Latches are of the improved swinging type, permitting the easy closing of door.

Swinging or Hinged Latch—In this type of construction the latch is hinged at the inner face of the lock front and swings into the lock case on contact with the strike, affording the easiest action with the least friction.

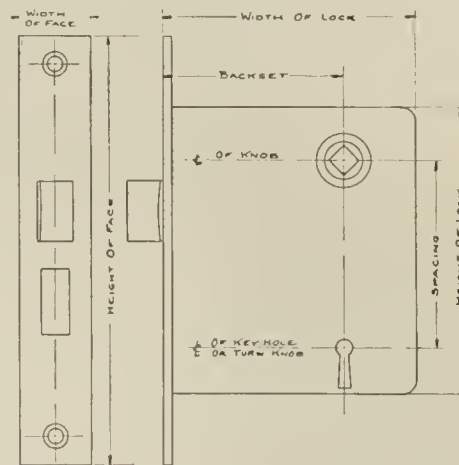


Cylinder Lock
Flat Front

Backset, Spacing and Fronts of Locks



Rabbeted Front
Locks



Bitted Key Lock
Flat Front

Spacing—This is the vertical distance between the center of the knob hub and the center of the cylinder, keypost or turnknob hub.

Backset—This is the horizontal distance from the face of a lock to the center line of its keyhole or hub.

Method of measuring backset of locks is as follows:

Flat Front Locks—Outside face of the front to the center of the keyhole or hub.

Beveled Front Locks—Center of the outside face of the front to the center of the keyhole or hub.

Rabbeted Front Locks—In this catalogue both the short and long side measurements are given. When ordering special backsets, the number of the lock and the backset wanted should be specified. When only one backset is mentioned it will be interpreted as meaning the distance on the short side and that the regular depth of rabbet furnished with the lock specified is required. Locks having depth of rabbet other than regularly listed will be furnished to order at additional cost. When ordering special depths of rabbet send full-size detail of door stiles at the point where the lock and strike meet.

Rabbeted Front Locks are not reversible and hand of door should be specified, see pages 236, 237.

Beveled Front Locks—The regular bevel is $\frac{1}{8}$ -inch on 2

inches. All other bevels are special and an extra charge will be made for them. Locks 380 $\frac{3}{4}$, and all higher grade, will be furnished with fronts beveled $\frac{1}{8}$ on 2 inches without extra charge. Any special bevels will be charged extra. Beveled front locks are not reversible and orders should specify the hand of lock wanted. See pages 236, 237 for Bevel and Hand of Doors. Reversible locks are beveled only to order.

Recessed Front Lock—One having an especially constructed front and strike which, when interlocked, guards or protects the latch bolt against attack through the crevice of the door. Especially adapted for use upon doors of Insane Asylums, and other doors opening outward (see cut).



Recessed Front

Rounded Front Locks—Cylinder Mortise Dead Locks can be furnished with rounded fronts of standard radius to conform to the edge of double-acting doors, without extra charge. Standard radius, 2 $\frac{1}{4}$ inches.

Armored Front Locks—An Armored Front Lock is one having a supplemental front attached to and covering the regular front to guard the cylinder set screws. The following locks can be furnished with Armored Front when so specified:

Nos. 1203 $\frac{1}{2}$, 1205, 1205 $\frac{1}{2}$, 1207, 1207 $\frac{1}{2}$, 1224, 1225, 1225 $\frac{1}{2}$, 1228, 1228 $\frac{1}{2}$, 1238, F1238, 1238 $\frac{1}{2}$, 1248, 1448EM, 1456, 1457, 1458 $\frac{1}{2}$, 9098, 9118, 9132, 11224 $\frac{1}{2}$, 11248, 11248 $\frac{1}{2}$, 11258 $\frac{1}{2}$, 11456, 11456 $\frac{3}{4}$, 11458 $\frac{1}{2}$.

Definitions and Terms

Continued

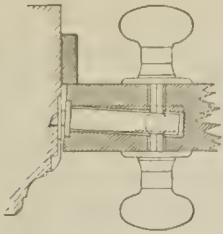


Fig. 1

Hubs — Brass Compensating — Our compensating hub is of the brass ball construction, which will allow compensation in any direction. The use of this type of compensating hub is a simple and effective means of relieving any cramping or binding of the knobs when the lock case

is not applied in a line exactly parallel with the face of the door stile. It also permits the use of a flat front lock to a door having its edge slightly beveled. (See Fig. 1.)

Latch Bolts—Easy Spring—See page 239, for various types. Used in all good locks. The term Easy Spring when applied to a lock designates that the latch is operated by a separate spring from the knob. Formerly the knob and latch were actuated by one spring. This necessitated a heavy spring and made the closing of the door hard as the latch was stiff. With the introduction of two springs a lighter spring could be used on the latch and the latch operated easily, thus the term Easy Spring.

French Spring (see page 239 for illustration)—This is a heavy type of spring which is usually applied to the hub of a lock, intended to offset the overbalancing effect of the lever handle, and thereby relieving the strain which would otherwise be thrown on the sensitive spring of the latch bolt. Locks equipped with this type of spring are indicated by prefix F.

Gun Spring (see page 239 for illustration)—A heavy flat spring of special construction especially adapted for use with lever handles. It is designed to give the full resiliency of the spring and will not break from crystallization. Locks equipped with this type of spring are indicated by prefix G.

Factors in Determining the Quality of a Lock

The three essential qualities of a lock are:

1st. That its bolt should be guarded against operation by keys other than those to which it has been fitted.

Security is obtained by—

- (a) The number of tumblers.
- (b) Different sections of keyway.
- (c) Wheel wards which are small lugs on the inside of the lock, in the path of the key, obstructing any key except the one to which it has been fitted.

NOTE: Security is impaired directly as any one of the above are eliminated.

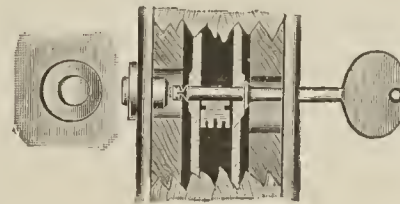
2nd. That the latch should be controlled by an independent spring, of a resilience and ease of action, that the door may be closed easily against its resistance, when it comes in contact with the strike.

3rd. That the knob or lever handle mechanism should be controlled by springs of sufficient power to insure the return of same to their normal position.

Indicators

to Indicate if Room Is Occupied

Indicators are not included in the price of locks.



Type B

Type B (Patented). When locks are supplied with this indicating device, the outside escutcheon has a "Push Button" attachment.

For use with locks operated by key as Nos. 608¼EM, 609¼EM, 619¼EM, 1232EM, 1233EM, 1233REM, 1233½REM, 1234½EM, 1236EM, 1241¾EM, 1246¾EM, 1250SM, 1446EM, 1447EM, 1448EM, 1449EM.

When the door is locked from the inside by the key, the "Push Button" cannot be depressed, thus indicating that the room is occupied. This type of indicator is superior to all other similar devices for use with locks operated by key.

Types of Springs Used in Locks Arranged in Sequence of Quality

For use with Lever Handles

French Springs
Gun Springs

For use with Knobs

Compression Springs
Tension Springs
Coil Springs
Lever Springs

Bitted Key Locks

Grouped According to Backset

BACKSETS			Name or Type of Lock and Purpose for Which It Is Best Adapted	BACKSETS			Name or Type of Lock and Purpose for Which It Is Best Adapted	BACKSETS		Name or Type of Lock and Purpose for Which It Is Best Adapted						
2½"	2⅝"	2¾"		2½"	2⅝"	2¾"		2¾"	2⅞"							
0122	.....	.....	Mortise knob Locks For Front or Vestibule doors, with latch and bolt and with latch only. Suffix ½ denotes latch only.	.....	0015¾M	.....	Hotel Corridor Locks: These Locks have latch and two dead bolts; throwing the bolt from inside deadlocks against all keys except emergency key.	*239	.....	Bath Room and Communicating Room Locks. These Locks have latch bolt and a dead bolt.				
0122½	.....	.....		.....	0015¾EM	.....									
0123	.....	.....		.....	*609¼EM	*608¼EM		*239½	.....						
0123½	.....	.....		.....	*610¼EM	.....									
7122	.....	.....		.....	*619¼EM	.....									
7122½	.....	.....						444¾	†00125	Schoolhouse Locks—Knobs are always operative from the inside.				
.....	0142M	.....	Asylum and Hospital Locks. Knobs are rigid and are used as pulls only. Auxiliary latch automatically deadlocks latch bolt.	0012¾M	.....	0019¾	Bath Room and Communicating Room Locks. These Locks have latch bolt and two dead bolts. Locks can be master-keyed.			†Not reversible.				
.....		1090M		.....	.....	0022¾M								
.....		1093		.....	.....	1121¾M		0444¾	.....	Fire Exit Bolt Lock. This lock has latch bolt and auxiliary latch.				
				.....	.....	1122¾M								
				.....	.....	1133¾M		0445¾	.....						
				.....	1134¾M										
BACKSETS											Name or Type of Lock and Purpose for Which It Is Best Adapted					
1¼"	1½"	1⅞"	1¾"	2"	2¼"	2⅝"	2¾"	2½"	2⅝"	2¾"		3"	3¼"	3½"	4"	4¾"
.....	139	348¾	Locks for use with Handles.	
.....	.....	.....	.....	.....	.....	.....	.....	†139½	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	7139	.....	.....	.....	.....	.....	.....
.....	1775	1775	1775	1775	0396	0374	Mortise Knob Locks.	
.....	.....	1775¼	1775¼	1775¼	.....	.....	1775¼	345¾	.....	0374¾	.....	.....	.....	.....
.....	.....	1781	1781	1781	.....	731	.....	0365	380¾	382¾	.....	.....	.....	.....
.....	.....	1782	1782	1782	.....	734	.....	0370	.....	.....	.....	.....	.....	.....
.....	.....	01781	01781	01781	.....	.....	.....	0370¾	.....	.....	.....	.....	.....	.....
.....	.....	01782	01782	01782	.....	.....	.....	0389	.....	.....	.....	.....	.....	.....
.....	.....	01784	01784	01784	.....	.....	.....	†0390¾	.....	0384¾M	.....	.....	.....	.....
384¾	384¾	.....	384¾	384¾	384¾	.....	.....	384¾	.....	384¾	384¾	384¾	384¾	384¾
.....	.....	.....	.....	0397	.....	.....	.....	0397	.....	0397	.....	.....	.....	.....
.....	.....	.....	.....	387¾	387¾	.....	.....	.....	.....	387¾	.....	.....	.....	.....
.....	.....	.....	†394¾	†394¾	†394¾	.....	.....	†394¾	.....	†394¾	†394¾	†394¾	†394¾	.....	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1384¾	.....	.....	.....	.....
.....	.....	.....	.....	1387¾	1387¾	.....	.....	.....	.....	1387¾	1387¾	1387¾	1387¾	.....	
.....	01006	.....	01007	01008	.....	.....	.....	1001	.....	.....	.....	.....	.....	.....
.....	01009	.....	01010	01011	.....	.....	.....	01001	.....	.....	.....	.....	.....	.....
BACKSETS																Name or Type of Lock and Purpose for Which It Is Best Adapted
1"	1⅛"	1¼"	1½"	1⅝"	1¾"	2"	2¼"	2½"	2⅝"	2¾"	3"	3¼"	3½"			
0055	351	351	351	Mortise Knob Locks for use on Narrow Stiles or French Doors	
0055¾	.....	355	355	.....	355	.....	.....	.....	.....	.....	.....	.....	.....	.....
0065	.....	0065	0065	.....	0065	0065	.....	.....	.....	.....	.....	.....	.....	.....
G231	.....	G231	G231	.....	G231	G231	G231	G231	.....	.....	.....	.....	.....	.....
†G291	.....	†G291	†G291	.....	†G291	†G291	†G291	†G291	.....	.....	.....	.....	.....	.....
†354	.....	†739	†739	.....	†739	.....	.....	†739	.....	.....	.....	.....	.....	.....
†358	.....	†739¾	†739¾	.....	†739¾	.....	.....	†739¾	.....	.....	.....	.....	.....	.....
G381¾	.....	G381¾	G381¾	.....	G381¾	G381¾	G381¾	G381¾	.....	G381¾	G381¾	.....	G381¾	.....	
G391¾	.....	†G391¾	†G391¾	.....	†G391¾	†G391¾	†G391¾	†G391¾	.....	.....	†G391¾	.....	†G391¾	.....	
.....	.....	†0068	738	.....	738	738	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	738¾	.....	738¾	738¾	.....	.....	.....	.....	.....	.....	.....	.....
.....	074	074	074	076	Dead Locks	
.....	074¾	.....	074¾	.....	.....	074¾	.....	076¾	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	078	.....	078	078	078	.....	078	.....	.....	.....	078
.....	.....	.....	.....	078¾	.....	078¾	078¾	078¾	.....	078¾	.....	.....	.....	078¾
.....	.....	.....	0786	.....	.....	.....	.....	.....	.....	0786	.....	.....	.....	.....
.....	0787	0783M	Mortise Sliding Door Locks	
BACKSETS																
2½"	2¾"	3"	3¼"	3½"	3¾"	4"	4½"									
0031	0031	0031	0031	0031	0031	0031	0031									
0031½	0031½	0031½	0031½	0031½	0031½	0031½	0031½									
01331									
01331½									

Lock Numbers marked * have Beveled Fronts and are not reversible.
The Long Side is 1/2 inch more than the Short Side.

Numbers marked † have Rabbeted Front, Measurement is for Short Side.
Numbers in Bold Face Type Indicate Regular Backset.

Cylinder Locks

Grouped According to Backset

BACKSETS												Name or Type of Lock and Purpose for Which It Is Best Adapted			
1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/8"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/2"	4"				
*F1247	*F1247	*F1247	*F1238	*F1238	*F1238	*F1238	*F1238	*F1238	*F1238	*F1238	Cylinder Locks with French Springs used in connection with Lever Handles for Front, Vestibule and Office Doors. Locks have latch and bolt, or latch only. Suffix 1/2 indicates latch only. Stops in face.			
*F1247 1/2	*F1247 1/2	*F1247 1/2	*F1238 1/2	*F1238 1/2	.....	*F1238 1/2	*F1238 1/2	*F1238 1/2	*F1238 1/2	*F1238 1/2	*F1238 1/2			
†F1277	†F1277	†F1277	1754	.....	1754	.....	.....	1754	.....	.....	.....	
†F1277 1/2	†F1277 1/2	†F1277 1/2	1754 1/4	.....	1754 1/4	.....	.....	1754 1/4	.....	.....	.....	
.....	.....	.....	1756	.....	1756	.....	.....	1756	.....	.....	.....	
.....	.....	.....	1756 1/4	.....	1756 1/4	.....	.....	1756 1/4	.....	.....	.....	
.....	.....	.....	1771	.....	1771	.....	.....	1771	.....	.....	.....	
.....	.....	.....	1771 1/4	.....	1771 1/4	.....	.....	1771 1/4	.....	.....	.....	
.....	.....	.....	1773	.....	1773	.....	.....	1773	.....	.....	.....	
.....	.....	.....	1773 1/4	.....	1773 1/4	.....	.....	1773 1/4	.....	.....	.....	
BACKSETS												Name or Type of Lock and Purpose for Which It Is Best Adapted			
1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/4"	3 1/2"	3 3/4"	4"			4 1/4"	4 1/2"	7"
.....	1203	1203	1203	1203	1203	Cylinder Dead Locks with Dead Bolts only. Suffix 1/2 indicates two cylinders.
.....	1203 1/2	1203 1/2	1203 1/2	1203 1/2	1203 1/2	
.....	01203	
.....	01203 1/2	
.....	†1204	
.....	†1204 1/2	
1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	
1205 1/2	1205 1/2	1205 1/2	1205 1/2	1205 1/2	1205 1/2	1205 1/2	1205 1/2	1205 1/2	1205 1/2	1205 1/2	1205 1/2	1205 1/2	
.....	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	
.....	1207 1/2	1207 1/2	1207 1/2	1207 1/2	1207 1/2	1207 1/2	1207 1/2	1207 1/2	1207 1/2	1207 1/2	
BACKSETS												Name or Type of Lock and Purpose for Which It Is Best Adapted			
1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	2 7/8"	3"	3 1/4"	3 1/2"	4 1/4"	5"	6 1/4"				
1238	1238	1238	1238	1238	1238	1238	1238	Cylinder Locks for Front, Vestibule and Office Doors with latch and bolt, or latch only. Suffix 1/2 indicates latch only. Stops in face.			
1238 1/2	1238 1/2	1238 1/2	1238 1/2	1238 1/2	.....	1238 1/2	.....	1238 1/2	.....	.....	1238 1/2
.....	*1239 1/2	.....	*1239 1/2	*1239 1/2	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	*1239 3/4	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	*1243	.....	.....	*1243	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	*1243 1/2	.....	.....	.....	.....	.....
.....	.....	1248	1248	.....	1248	1248	1248	1248	1248	1248	.....			
.....	.....	1248 1/2	1248 1/2	.....	1248 1/2	1248 1/2	1248 1/2	1248 1/2	1248 1/2	1248 1/2	.....			
†1278	†1278	†1278	†1278	†1278	.....	.....	.....	†1278	.....	.....	†1278
†1278 1/2	†1278 1/2	†1278 1/2	†1278 1/2	†1278 1/2	.....	.....	.....	†1278 1/2	.....	.....	†1278 1/2
.....	.....	.....	11248	.....	.....	†1273	.....	.....	.....	.....	.....
.....	.....	.....	11248 1/2	.....	.....	†1273 1/2	.....	.....	.....	.....	.....
.....	.....	.....	11248 3/4	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	*11748	.....	.....	.....	.....	.....	.....	.....	.....
BACKSETS												Name or Type of Lock and Purpose for Which It Is Best Adapted			
1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/2"	6 1/4"								
1225	1225	1225	1225	1225	.....	1225	1225	Cylinder Locks with latch and bolt for heavy entrance doors.						
1225 1/2	1225 1/2	1225 1/2	1225 1/2	1225 1/2	.....	1225 1/2	1225 1/2							
.....	.....	.....	.....	11224	.....	*1228	.....							
.....	.....	.....	.....	11224 1/2	.....	*1228 1/2	.....							
.....	.....	.....	.....	†1265	.....	†1265	.....							
.....	.....	.....	.....	†1265 1/2	.....	†1265 1/2	.....							
BACKSETS				Name or Type of Lock and Purpose for Which It Is Best Adapted				BACKSETS			Name and Type of Lock and Purpose for Which It Is Best Adapted				
2 1/2"	2 3/4"	3 1/4"	2 5/8"					2 3/4"	2 7/8"						
*1456	*1456	.....	Cylinder Locks with latch and automatic means for deadlocking latch when door is closed and with stops in face of lock. Used for Front, Vestibule and Office Doors.	1096	1094 1/4	0197	Cylinder Locks for Asylums and Hospitals with latch and automatic means for deadlocking latch when door is closed.							
*11456	*1457	*01457		.....	1094 1/2	.....								
†1476	†1476	.....		.....	.....	.....				

Numbers marked * have Beveled Front, and are not reversible.
The Long Side is 1/2 inch more than the Short Side.

Numbers marked † have Rabbeted Front, Measurement is for Short Side.
Numbers in Bold Face Type Indicate the Regular Backset.

Cylinder Locks Grouped According to Backset

BACKSETS											Name or Type of Lock and Purpose for Which It Is Best Adapted
2"	2 1/4"	2 1/2"	2 3/4"	2 7/8"	3"	3 1/8"	3 1/4"	3 1/2"	4"	6"	
.....	0442	Cylinder Locks used with Entrance Door Handles, for Front and Vestibule Doors with latch and bolt, or latch only. 1223 and 11223 have latches only. 0442, 9452, 9452 1/2, 9458 and 9458 1/2 used with Fire Exit Bolts, Suffix 1/2 on Locks 9098 1/2, 1213 1/2. Indicates rabbeted front. Suffix 1/2 on Lock 9152 1/2 indicates two cylinders.
.....	.....	9098	9098	.....	.....	.....	.....	9098	.....	.....
.....	.....	†9098 1/2	†9098 1/2	.....	.....	.....	.....	.....	.....	.....
.....	9118	9118	9118	.....	.....	.....	.....	.....	.....	.....
.....	9119	9119	9119	.....	.....	.....	.....	.....	.....	.....
.....	9128	9128	9128	.....	.....	.....	.....	.....	.....	.....
.....	.....	*9132	*9132	.....	.....	.....	*9132	.....	.....	.....
.....	.....	.....	*9152 1/2 M	.....	.....	.....	.....	*9152 1/2 M	.....	.....
.....	.....	.....	*9452	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	*9452 1/2	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	*9458	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	*9458 1/2	.....	.....	.....	.....	.....	.....	.....
1213	1213	1213	.....	1213	.....	.....	1213	1213	1213	.....
.....	†1213 1/2	.....	.....	†1213 1/2	.....	.....	.....	.....	.....	.....
1223	1223	1223	.....	1223	.....	.....	1223	1223	1223	.....
.....	11213	Cylinder locks with latch and automatic means for deadlocking latch when door is closed. Used for Entrance to Apartment Houses, Schools and Public Buildings. Stop Work controlled by Master Key.
.....	.....	11223	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	*11258 1/2 M	*1258 1/2 M	.....	.....	.....	*01457 1/2 M	.....	.....	.....
.....	.....	*11458 1/2 M	*1258 5/8 MP	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	*1457 1/2 M	.....	.....	.....	.....	.....	.....	.....
.....	.....	*1458 1/2 M	*1458 1/2 M	.....	.....	*1458 1/2 M	.....	.....	.....	.....
.....	.....	*1458 5/8 MP	*1458 5/8 MP	.....	.....	*1458 5/8 MP	.....	.....	.....	.....
.....	.....	*1241 3/4 EM	*1232 EM	.....	.....	.....	.....	.....	.....	.....
.....	.....	*1246 3/4 EM	*1233 EM	.....	.....	.....	.....	.....	.....	.....
.....	.....	*1446 EM	*1233 AEM	.....	.....	.....	.....	.....	.....	.....
.....	.....	*1447 EM	*1233 REM	.....	.....	.....	.....	.....	.....	.....
.....	.....	*1448 EM	*1233 SOM	.....	.....	.....	.....	.....	.....	.....
.....	.....	*1449 EM	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	*1233 1/2 REM	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	*1234 1/2 EM	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	*1236 EM	.....	.....	.....	.....	.....	.....	.....
.....	*1250 SM	Cylinder Mortise Night Latches.
.....	1294	1294	1294	.....	1294	.....	.....	1294	.....	1294
.....	1294 1/2	1294 1/2	1294 1/2	.....	1294 1/2	.....	.....	1294 1/2	.....	1294 1/2
.....	1297	1297	1297	.....	1297	.....	.....	1297	.....	1297
.....	1297 1/2	1297 1/2	1297 1/2	.....	1297 1/2	.....	.....	1297 1/2	.....	1297 1/2
.....	.....	.....	†1298	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	†1298 1/2	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	1454	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	1454 1/2	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	H1454	.....	.....	.....	.....	.....	.....	.....

Cylinder Mortise Sliding Door Locks

BACKSETS

2"	2 1/4"	2 1/2"	2 5/8"	2 3/4"	3"	3 1/4"	3 5/8"	3 1/2"	3 3/8"	3 3/4"	4"	4 1/4"	4 1/2"	4 5/8"	4 7/8"	5"	5 1/4"	6"	7"
.....	.....	.....	0339	.....	.....	.....	0339	.....	0339	.....	0339	0339	.....	.....	.....	.....	.....	0339	.....
.....	.....	.....	0339 1/2	.....	.....	.....	0339 1/2	.....	0339 1/2	.....	0339 1/2	0339 1/2	.....	.....	.....	.....	.....	0339 1/2	.....
1334	1334	1334	.....	1334	1334	1334	.....	1334	.....	1334	1334	1334	.....	1334	1334	.....	1334	1334	.....
1334 1/2	1334 1/2	1334 1/2	.....	1334 1/2	1334 1/2	1334 1/2	.....	1334 1/2	.....	1334 1/2	1334 1/2	1334 1/2	.....	1334 1/2	1334 1/2	.....	1334 1/2	1334 1/2	.....
.....	.....	.....	.....	0338	.....	.....	0338	.....	.....	0338	.....	0338	.....	0338	.....	0338	.....	.....	0338
.....	.....	.....	.....	0338 1/4	.....	.....	0338 1/4	.....	.....	0338 1/4	.....	0338 1/4	.....	0338 1/4	.....	0338 1/4	.....	.....	0338 1/4
1385	1385	.....	.....	1385	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1385 1/2	1385 1/2	.....	.....	1385 1/2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1394	.....	.....	.....	1394	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1394 1/2	.....	.....	.....	1394 1/2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Numbers Marked * Have Beveled Front, and Are Not Reversible.
The Long Side Is 1/2 Inch More than the Short Side.

Numbers Marked † Have Rabbeted Front, Measurement is for Short Side.
Numbers in Bold Face Type Indicate the Regular Backset.

Locks and Latches

Grouped According to Backset

Mortise Latches

BACKSET

5/8"	3/4"	7/8"	1"	1 1/4"	1 3/8"	1 1/2"	1 3/4"	2"	2 1/8"	2 1/4"	2 1/2"	2 9/16"	2 5/8"	2 3/4"	3"
.....	023	023	023	.....	023	021	.....	.....	.....	.....
.....	G024	.....	.....	G024	.....	G024	.....	025	.....	.....	.....	025	025
.....	†G024 1/2	.....	.....	†G024 1/2	.....	†G024 1/2	.....	.....	029	.....	.....	.....	029
.....	050	050	.....	.....	.....	026	.....	026	026	.....	.....	026	026
†052	†052	†052	† 052	†052	†052	.....	.....	.....	†030 1/2	.....	†030 1/2	.....	.....	.....	028
.....	095	.....	.....	†052 1/2	.....	.....	.....	.....	.....	.....	042	.....	.....	042	.....
.....	043	.....	.....	.....	.....
.....	F046	.....	F046	.....	.....	F046	.....	.....	.....	.....
.....	347	.....	.....	.....	.....
.....	1030	.....	.....	.....
.....	01030	0047 1/2	.....	.....
.....	01041	7047 1/2	.....	.....

Numbers Marked † Have Rabbed Fronts—Measurement Is for Short Side Backset.

Numbers in Bold Face Type Indicate Regular Backset.

Mortise Knob Locks

For Communicating and Bath Room Doors

BACKSET

1 3/4"	2"	2 1/4"	2 5/16"	2 1/2"	2 5/8"	2 3/4"	3"	3 1/2"
.....	.....	.....	221	233	.....	.....	.....	.....
.....	.....	.....	223	233 1/2	.....	.....	.....	.....
.....	.....	.....	223 1/4	.....	.....	.....	.....	.....
.....	.....	234	.....	.....	234	.....	.....	234
236	236	236	.....	236	.....	236	.....	.....
236 1/2	236 1/2	236 1/2	.....	236 1/2	.....	236 1/2	236 1/2	.....
246	246	246	.....	246	.....	246	.....	.....

These Locks Have Latch and Dead Bolts. Dead Bolts Are Operated by Turn Knobs.
Suffix "1/2" Indicates Lock with Two Turn Knobs.

Rim Locks and Latches

BACKSET

1 7/16"	1 5/8"	1 15/16"	2 1/8"	2 1/4"	2 3/8"	2 1/2"	2 5/8"	2 3/4"
595	839	4514	2408	268	4200	1806	599	805
.....	4500	568	4800	.....	.....	881M
.....	4501	.....	4801	.....	.....	882M
.....	4502	.....	.....	.....	.....	2551
.....	4503	.....	.....	.....	.....	2552
.....	4504	.....	.....	.....	.....	.....

Rim Night Latches

BACKSET

1 13/16"	1 3/4"	2"	2 1/8"	2 3/8"	2 7/16"	2 1/2"
001290 1/4	1290 1/4	100	1654	1291	99	290
.....	1290 1/4C	100C	1666	1291C	99C	290C
.....	.....	101	.....	.....	1290	690
.....	.....	101C	.....	.....	1290C	690C
.....	.....	1652	.....	.....	1295	.....
.....	.....	.....	.....	.....	1295C	.....
.....	.....	.....	.....	.....	001295	.....
.....	.....	.....	.....	.....	1690	.....
.....	.....	.....	.....	.....	1690C	.....

Fire Exit Bolt Latch

BACKSET

2 11/16"	2 3/4"
0440	0441

Garage Door Locks

Numbers 200 and 300, Backset: 3 in.

Rim Deadlocks

BACKSET

1 1/4"	1 1/2"	1 3/16"	1 3/4"	1 7/8"	2 1/16"	2 3/8"	2 1/2"
.....	.....	.....	001281	1282	.....	.....	1282
498	499	2458	.....	.....	3600	2498	3610

Rim Draw Back Locks

BACKSET

2 1/2"	2 5/8"	2 7/8"
1289	5F	203F
1289C	203FB
.....	203FC
.....	203FN
.....	205F
.....	205FB
.....	205FC
.....	205FN
.....	207F
.....	207FB
.....	207FC
.....	207FN

Unit Locks

Patented

The Unit Lock Principle is a building up, one part upon another, of a complete set—lock, knobs and escutcheons, each part in its proper relation to the other, all parts working in harmony and forming a perfect piece of mechanism. Consequently, when applied, there being no possibility of cramp or bind, the smoothness of action which is the distinguishing feature of this lock is positively assured.

Construction

All parts of the Russwin Unit Lock, knobs, escutcheons and lock frame, are solid bronze metal castings, with the exception of the locking mechanism, which is of heavy hard rolled wrought brass formed in dies, making them uniform in size and imparting the greatest possible strength. This locking mechanism is all carried on the back of the inside escutcheon plate where it is least accessible from the outside, and working, as it does, with an almost entire lack of friction, is practically indestructible.

The Cylinder is carried within the knob, its inner construction being identical with the Russwin Ball-Bearing Cylinders illustrated on page 341, and subject to Master Key arrangements as described on page 355.

The Knobs are seamless solid bronze metal castings. The shanks are self-lubricating and absolutely screwless, each being perfectly fitted to long bracket-bearing thimbles of the supporting type. The self-lubricating feature of the shanks reduces friction to a minimum.

Phantom View Illustrating Construction and Parts of the Russwin Unit Lock Set, Horizontal Type

The Latch is of the swinging type, actuated by a spring of phosphor bronze wire, bearing on two hardened steel rollers. The knobs are actuated by a separate phosphor bronze spring. The use of two springs has great advantages over a single spring which operates both the knobs and the latch. It permits the use of a much lighter latch spring, giving a very easy latch action, and a heavy spring on the knobs, bringing them firmly back to a normal position and preventing rattling.

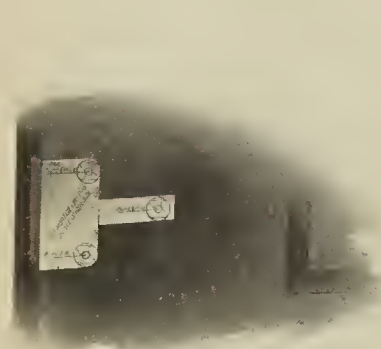
Attention is called to the two types of safety devices: the auxiliary latch which safeguards the latch against outside manipulation and the deadlocking plunger which safeguards the latch and also prevents operation of the stops when the door is closed.

The additional cost of a Russwin Unit Lock over the corresponding type of mortise lock is saved in the cost of applying same.

Russwin Unit Locks can be furnished in the following designs:

Ardsley, page 27	Fidelity, page 51	Modart, page 71
Camden, page 37	Granby, page 53	Niantic, page 75
Ceres, page 39	Hadrian, page 54	Pyramid, page 79
Copley, page 43	Hague, page 55	Thetis, page 81
Darcy, page 44	Lenox, pages 62, 63	Toulon, page 82
Enfield, pages 47, 48	Madison, page 67	

Method of Applying the Russwin Unit Locks



Mark the Door



Bore and Cut as Marked



Apply the Lock

The application of the Russwin Unit Lock Set has, by means of the marker furnished with each lock, been made most simple. Mark the door as outlined on the marker, bore three holes, make cuts as directed and apply the lock.

With the Russwin Unit Lock it is necessary to cut away only $1\frac{3}{4}$ inches of the door stile, which does not in any way impair its strength.

When ordering, it is always advisable to mention the exact thickness of doors, in which case the locks will be machined and especially fitted for the thickness of door specified. Unit Locks will be furnished, if so ordered, adjustable for doors of the following thicknesses: $1\frac{3}{4}$ to 2; 2 to $2\frac{1}{2}$; $2\frac{1}{2}$ to 3 inches. Orders should specify both the minimum and maximum thickness, for example: 1 Set Locks No. 2850 Lenox, $1\frac{3}{4}$ to 2 inches.

Unit Locks

Patented

For Rabbeted Doors

The illustration Fig. 1 shows the Russwin Unit Lock applied to rabbeted doors with "Dummy Trim." It may be applied in the same manner without the Dummy Trim.

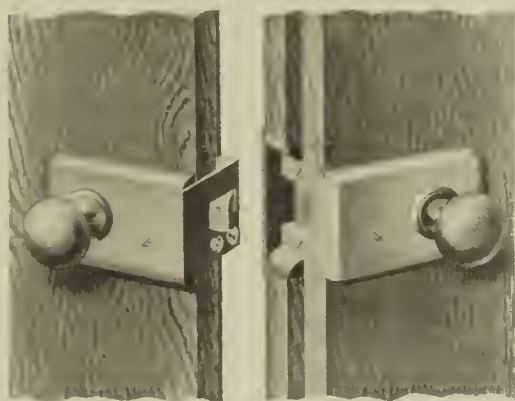


Fig. 1

View from inside of door

All numbers and designs of Unit Locks will be furnished when so ordered, equipped with strike for use on rabbeted doors.

These locks are for doors with 1/2-in. rabbet.

When ordering, it is advisable to send a full size detail section of the doors at the point where the lock and strike meet.

How to order:

Specify Lock Set Number, Name of Design and suffix "Rabbeted."

For Dummy Trim

The illustration Fig. 2 shows the Russwin Unit Lock with Dummy Trim applied.

All numbers and designs of Unit Locks will be furnished when so ordered, fitted with Dummy Trim.

When locks are so ordered, they will be fitted with a full pair of dummy knobs and escutcheons (the knobs will be made rigid) for use on both sides of the "Inactive" Door.

How to order:

Specify Lock Set Number, Name of Design and suffix "Dummy Trim."

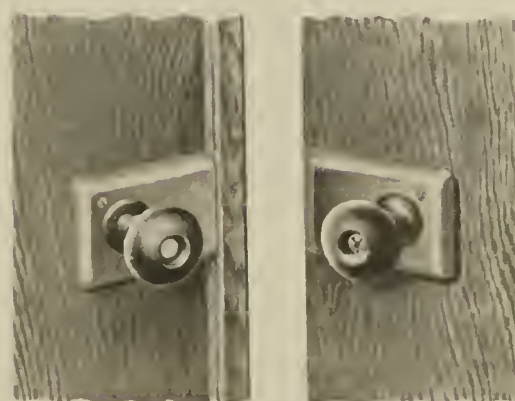


Fig. 2

View from outside of door

Identical with the above, but with only one dummy knob and escutcheon (Knob made rigid) for use upon the outside of the "Inactive" Door.

How to order:

Specify Lock Set Number, Name of Design and suffix "Half Dummy Trim."

Unit Locks can be furnished in Designs as listed on page 246.

Unit Locks

Patented

Description of Nos. 2150 to 2866M

Knobs and

Escutcheons: Cast Brass or Bronze. Bower Barff on Iron.

Front: Cast Brass or Bronze, Beveled $\frac{1}{8}$ in. on 2 in.

Doors: Exact Thickness to be specified. Can be furnished for Doors $1\frac{1}{2}$ to 3 in. thick.

Hand: Specify Hand.

Backset: 3 in.

Knob Hub: Furnished with Self-Lubricating Shanks.

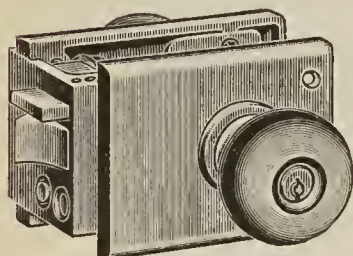
Strike: Cast Brass or Bronze, Protected Box Type.

Bolts: Cast Bronze Swinging Type, $\frac{1}{2}$ in. throw.

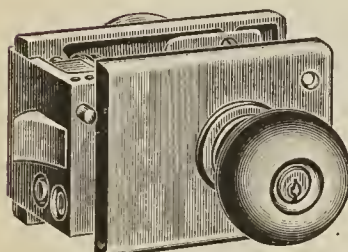
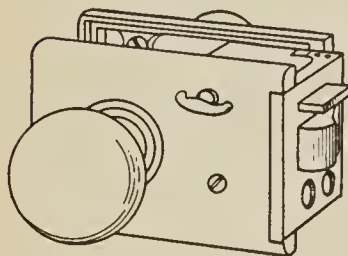
Cylinder: 5 Pins, Changes practically unlimited.

Keys: 3 Liberty Silver, Class No. 852.

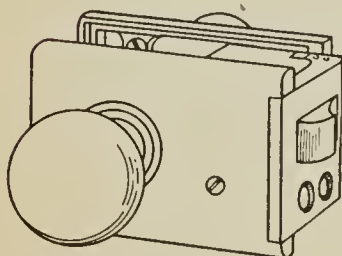
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.



No. 2150



No. 2166M



For Residence Front Doors

Number	Type	Cylinder	Turn Knob
2150	Horizontal	One	One
2850	Upright	One	One

Operation: Latch bolt can be operated by knobs from either side except when outside knob is set by stops in face of lock. When knob is set, latch can be operated by key only from outside, and by knob from inside.

In addition it has a dead bolt operated by key from outside and by turn knob from the inside. A continuous turn of key on outside will operate both dead and latch bolts.

For Residence Front or Office Doors

Number	Type	Cylinder
2156M	Horizontal	One
2166M	Horizontal	One
2856M	Upright	One
2866M	Upright	One

Operation: Latch bolt can be operated by knobs from either side except when outside knob is set by stops in face of lock. When outside knob is set, latch can be operated by key only from outside and by knob from inside.

Nos. 2166M and 2866M have dead locking plunger which automatically deadlocks and safeguards the latch bolt and stops, preventing them from being manipulated by any instrument inserted between face of lock and strike. Thus making lock absolutely secure against entrance except by key.

Nos. 2166M and 2866M can be furnished reverse bevel for single doors opening out.

Unit Locks can be furnished in Designs as listed on page 246.

Unit Locks

Patented

Description of Nos. 2156½M to 2857M

Knobs and

Escutcheons: Cast Brass or Bronze. Bower Barff on Iron.

Front: Cast Brass or Bronze, Beveled ⅛ in. on 2 in.

Doors: Exact Thickness to be specified. Can be furnished for Doors 1½ to 3 in. thick.

Hand: Specify Hand.

Backset: 3 in.

Knob Hub: Furnished with Self-Lubricating Shanks.

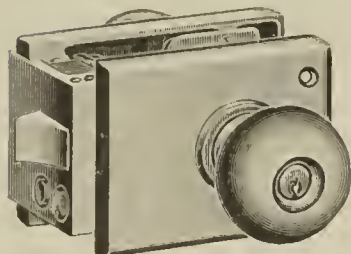
Strike: Cast Brass or Bronze, Protected Box Type.

Bolts: Cast Bronze Swinging Type, ½ in. throw.

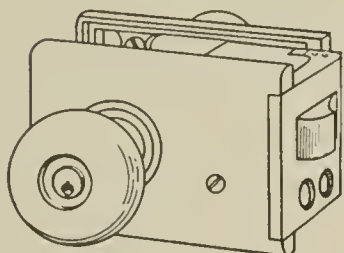
Cylinder: 5 Pins, Changes practically unlimited.

Keys: 3 Liberty Silver, Class No. 852.

Master- Can be master-keyed in sets as desired with other Russwin
Keying: Cylinder Locks, page 355.



No. 2156½M



For Office Doors

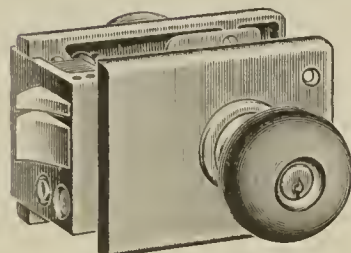
Number	Type	Cylinder
2156½M	Horizontal	Two

Operation: Latch bolt can be operated by knobs from either side except when knobs are set by stops in face of lock. When knobs are set, latch can be operated by key only from either side.

Number	Type	Cylinder
2166½M	Horizontal	Two

Operation: Latch bolt can be operated by knobs from either side except when knobs are set by stops in face of lock. When knobs are set, latch can be operated by key only from either side.

Lock has a dead locking plunger which automatically deadlocks and safeguards the latch bolt and stops, preventing them from being manipulated by any instrument inserted between face of lock and strike. Thus making lock absolutely secure against entrance except by key.



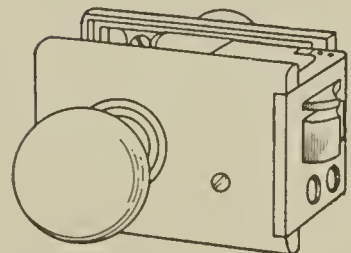
No. 2157M



Number	Type	Cylinder
2157M*	Horizontal	One
2857M	Upright	One

Operation: Latch bolt can be operated by knob from either side, except when outside knob is set by stops in face of lock. When outside knob is set, latch can be operated by key only from outside and by knob from inside.

Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. Thus making lock absolutely secure against entrance except by key.



* This Lock recommended for double doors.

Unit Locks can be furnished in Designs as listed on page 246.

Unit Locks

Patented

Description of Nos. 2157 $\frac{1}{2}$ M to 2866 $\frac{3}{4}$ M

Knobs and

Escutcheons: Cast Brass or Bronze. Bower Barff on Iron.

Front: Cast Brass or Bronze, Beveled $\frac{1}{8}$ in. on 2 in.

Doors: Exact thickness to be specified. Can be furnished for doors 1 $\frac{1}{2}$ to 3 in. thick.

Hand: Specify Hand.

Backset: 3 in.

Knob Hub: Furnished with Self-Lubricating Shanks.

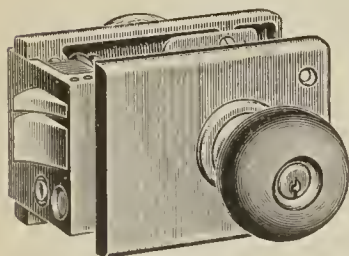
Strike: Cast Brass or Bronze, Protected Box Type.

Bolts: Cast Bronze Swinging Type, $\frac{1}{2}$ in. throw.

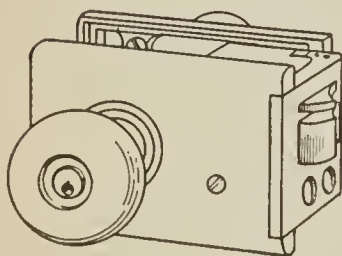
Cylinder: 5 Pins, Changes practically unlimited.

Keys: 3 Liberty Silver, Class No. 852.

Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.



2157 $\frac{1}{2}$ M



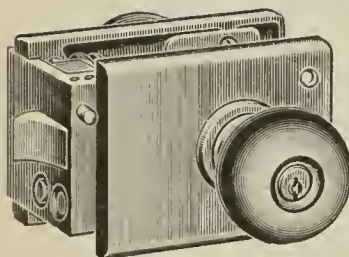
For Office Doors

Number	Type	Cylinder
2157 $\frac{1}{2}$ M	Horizontal	Two

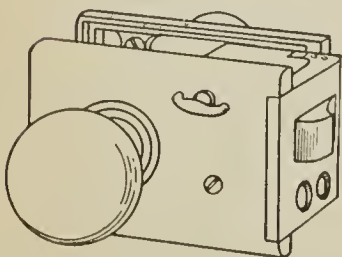
Operation: Latch bolt can be operated by knobs from either side except when knobs are set by stops in face of lock. When knobs are set, latch can be operated by key only from either side.

Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. Thus making lock absolutely secure against entrance except by key.

This lock recommended for double doors.



2166 $\frac{3}{4}$ M



Number	Type	Cylinder	Turn Knob
2166 $\frac{3}{4}$ M	Horizontal	One	One
2866 $\frac{3}{4}$ M	Upright	One	One

Operation: Latch bolt can be operated from either side except when outside knob is set by stops in face of lock. When knob is set, latch can be operated by key only from outside, and by knob inside. In addition the latch bolt can be deadlocked by turn knob inside, making all keys inoperative, the lock thus being absolutely secure against operation from outside.

Deadlocking plunger automatically deadlocks and safeguards latch bolt and stops, preventing them from being manipulated by any instrument inserted between face of lock and strike. Thus making lock absolutely secure against entrance except by key.

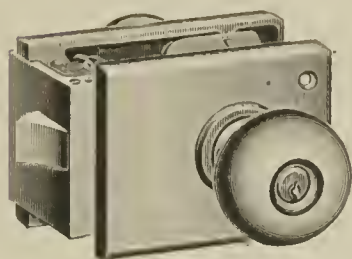
Unit Locks can be furnished in Designs listed on page 246.

Unit Locks

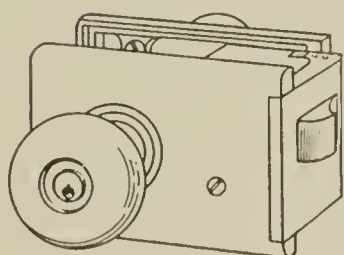
Patented

Description of Nos. 2158M to 2859½M

Knobs and
Escutcheons: Cast Brass or Bronze. Bower Barff on Iron.
Front: Cast Brass or Bronze, Beveled ⅛ in. on 2 in.
Doors: Exact thickness to be specified. Can be furnished for doors 1½ to 3 in. thick.
Hand: Specify Hand.
Backset: 3 in.
Knob Hub: Furnished with Self-Lubricating Shanks.
Strike: Cast Brass or Bronze, Protected Box Type.
Bolts: Cast Bronze Swinging Type, ½ in. throw.
Cylinder: 5 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852.
Master-
Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.



2158½M



For Entrance Doors to Apartment Houses,
Schools and Public Buildings

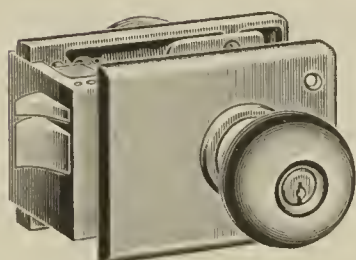
Number	Type	Cylinder
2158M	Horizontal	One

Operation: Latch bolt can be operated by knobs from either side except when outside knob is set by key. When outside knob is set, latch can be operated by knob from inside only.

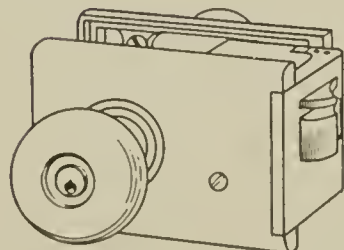
Number	Type	Cylinder
2158½M	Horizontal	Two
P2158½M	Horizontal	Two
2858½M	Upright	Two
P2858½M	Upright	Two

Operation: Latch bolt can be operated by knobs from either side except when outside knob is set by master key through the inside cylinder. When knob is set, latch can be operated by change or master key only from outside, and by knob from inside.

Nos. P2158½M and P2858½M have dead locking plunger which automatically deadlocks and safeguards the latch bolt, preventing it from being manipulated by any instrument inserted between face of lock and strike. Thus making lock absolutely secure against entrance except by key.



2159½M



Number	Type	Cylinder
2159M	Horizontal	One

Operation: Latch bolt can be operated by knobs from either side except when outside knob is set by key. When outside knob is set, latch can be operated by knob from inside only.

Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. Thus making lock absolutely secure against entrance except by key.

Number	Type	Cylinder
2159½M*	Horizontal	Two
2859½M*	Upright	Two

Operation: Latch bolt can be operated by knobs from either side except when outside knob is set by master or grandmaster key through the inside cylinder. When knob is set, latch can be operated by change or master key only from outside, and by knob from inside.

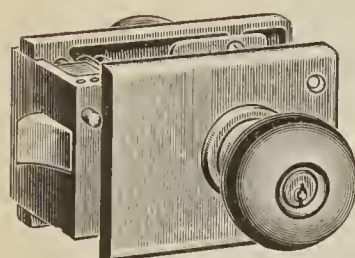
The auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. Thus making lock absolutely secure against entrance except by key.

* Locks No. 2159½M and 2859½M recommended for double doors. Unit Locks can be furnished in Designs as listed on page 246.

Unit Locks

Patented

Description of Nos. 2116M to 2817½M



No. P2116M



Knobs and Escutcheons: Cast Brass or Bronze. Bower Barff on Iron.
 Front: Cast Brass or Bronze, Beveled ⅛ in. on 2 in.
 Doors: Exact thickness to be specified. Can be furnished for doors 1 ½ to 3 in. thick.
 Hand: Specify Hand.
 Backset: 3 in.
 Knob Hub: Furnished with Self-Lubricating Shanks.
 Strike: Cast Brass or Bronze, Protected Box Type.
 Bolts: Cast Bronze Swinging Type, ½ in. throw.
 Cylinder: 5 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 852.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.

For Public Buildings

Number	Type	Cylinder
2116M	Horizontal	One
P2116M	Horizontal	One
2816M	Upright	One
P2816M	Upright	One

Operation: Latch bolt can be operated by key only from outside, by knob from inside. The outside knob is always rigid.

Nos. P2116M and P2816M have deadlocking plunger which automatically deadlocks and safeguards the latch bolt, preventing it from being manipulated by any instrument inserted between face of lock and strike. Thus making lock absolutely secure against entrance except by key.

Number	Type	Cylinder
2116½M	Horizontal	Two
P2116½M	Horizontal	Two
2816½M	Upright	Two
P2816½M	Upright	Two

Operation: Latch bolt can be operated by key only from either side. Both knobs are always rigid.

Nos. P2116½M and P2816½M have deadlocking plunger which automatically deadlocks and safeguards the latch bolt, preventing it from being manipulated by any instrument inserted between face of lock and strike. Thus making lock absolutely secure against entrance except by key.

Number	Type	Cylinder
2117M	Horizontal	One
2817M	Upright	One

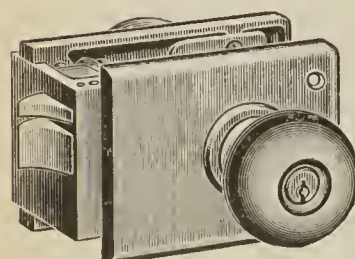
Operation: Latch bolt can be operated by key only from outside, by knob from inside. The outside knob is always rigid.

Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. Thus making lock absolutely secure against entrance except by key.

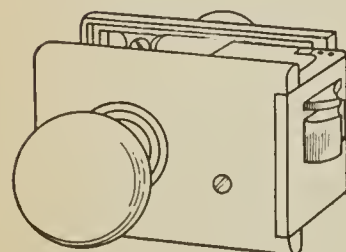
Number	Type	Cylinder
2117½M	Horizontal	Two
2817½M	Upright	Two

Operation: Latch bolt can be operated by key only from either side. Both knobs are always rigid.

Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. Thus making lock absolutely secure against entrance except by key.



No. 2117M

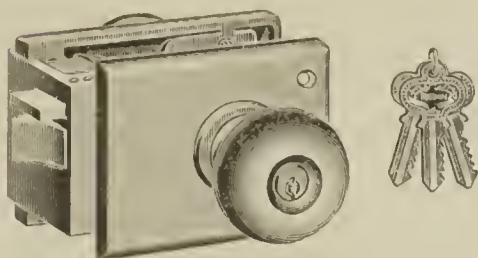


Unit Locks can be furnished in Designs as listed on page 246.

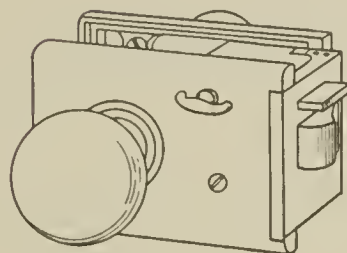
Unit Locks

Patented

Description of Nos. 2125M to 2835



Number
2125M



- Knobs and Escutcheons: Cast Brass or Bronze. Bower Barff on Iron.
- Front: Cast Brass or Bronze, Beveled $\frac{1}{8}$ in. on 2 in.
- Doors: Exact thickness to be specified. Can be furnished for doors $1\frac{1}{2}$ to 3 in. thick.
- Hand: Specify Hand.
- Backset: 3 in.
- Knob Hub: Furnished with Self-Lubricating Shanks.
- Strike: Cast Brass or Bronze, Protected Box Type.
- Bolts: Cast Bronze, Swinging Type, $\frac{1}{2}$ in. throw.
- Cylinder: 5 Pin, Changes practically unlimited.
- Keys: 3 Liberty Silver, Class No. 852.
- Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.

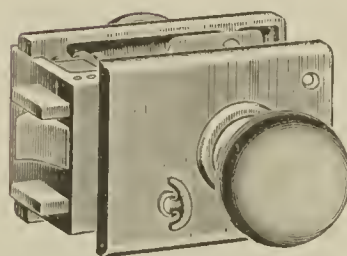
For Communicating and Toilet Doors

Number	Type	Cylinder	Turn Knob
2125M	Horizontal	One	One

Operation: Latch bolt can be operated by knobs from either side at all times. In addition there is a dead bolt operated by key from outside and by turn knob from inside.

Number	Type	Cylinders
2125 $\frac{1}{2}$ M	Horizontal	Two

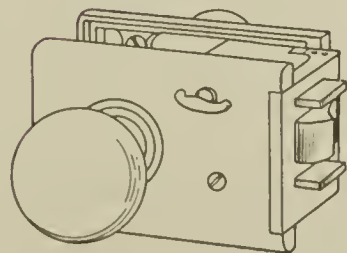
Operation: Latch bolt can be operated by knobs from either side at all times. In addition there is a dead bolt operated by key from both sides.



Number
2135M

Number	Type	Turn Knob
2134	Horizontal	One
2834	Upright	One

Operation: Latch bolt can be operated by knobs from either side at all times. In addition there is a dead bolt operated by turn knob from inside only.



Number	Type	Turn Knobs
2135	Horizontal	Two
2835	Upright	Two

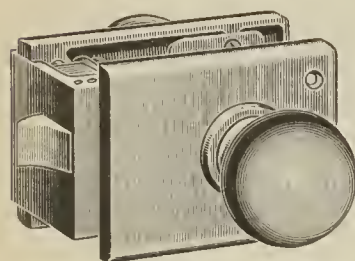
Operation: Latch bolt can be operated by knobs from either side at all times. In addition there are two dead bolts operated by turn knobs from both sides, each locking against the opposite side.

Unit Locks can be furnished in Designs as listed on page 246.

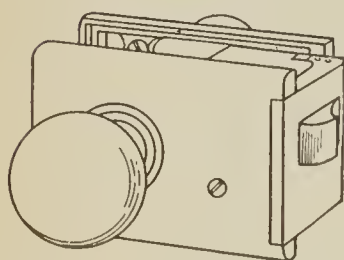
Unit Locks

Patented

Description of Nos. 2145 to 2817 $\frac{1}{4}$ M



2145



- Knobs and Escutcheons: Cast Brass or Bronze. Bower Barff on Iron.
- Front: Cast Brass or Bronze, Beveled $\frac{1}{8}$ in. on 2 in.
- Doors: Exact thickness to be specified. Can be furnished for doors $1\frac{1}{2}$ to 3 in. thick.
- Hand: Specify hand.
- Backset: 3 in.
- Knob Hub: Furnished with Self-Lubricating Shanks.
- Strike: Cast Brass or Bronze, Protected Box Type.
- Bolts: Cast Bronze, Swinging Type, $\frac{1}{2}$ in. throw.
- Cylinder: 5 Pin, Changes practically unlimited.
- Keys: 3 Liberty Silver, Class No. 852.
- Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.

Knob Latches

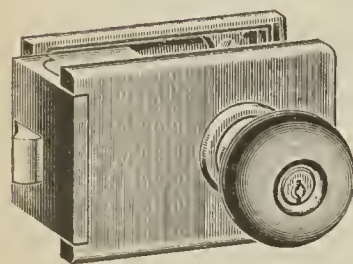
Number	Type	Cylinder
2145	Horizontal	None
2845	Upright	None

Operation: Latch bolt can be operated by knobs from either side at all times.

For Doors to Pipe and Wire Shafts

Furnished in Reverse Bevel only for doors opening out.

Locks of this type always furnished with plain inside escutcheon.

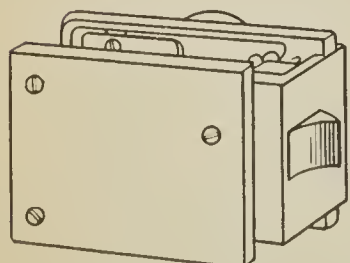


2116 $\frac{1}{4}$ M



Number	Type	Cylinder
2116 $\frac{1}{4}$ M	Horizontal	One
P2116 $\frac{1}{4}$ M	Horizontal	One
2816 $\frac{1}{4}$ M	Upright	One
P2816 $\frac{1}{4}$ M	Upright	One

Operation: Latch bolt can be operated by key only from outside. Nos. P2116 $\frac{1}{4}$ M and P2816 $\frac{1}{4}$ M have a deadlocking plunger which automatically deadlocks and safeguards latch bolt, preventing it from being manipulated by any instrument inserted between face of lock and strike. Thus making the lock absolutely secure against entrance except by key.



Number	Type	Cylinder
2117 $\frac{1}{4}$ M	Horizontal	One
2817 $\frac{1}{4}$ M	Upright	One

Operation: Latch bolt can be operated by key only from outside. Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. Thus making the lock absolutely secure against entrance except by key.

Unit Locks can be furnished in Designs as listed on page 246.

Unit Locks

Patented

For Fire Tower Doors
Reverse Bevel

Description of Nos. 2186M, 2886M

These locks have been approved by the New York Fire Underwriters, and their use secures the lowest rate of insurance.

Furnished only in Enfield and Fidelity Designs, pages 47, 48 and 51.

Full size detail of Jamb for correct application of strike should be submitted when ordering.

Knobs and

Escutcheons: Cast Brass or Bronze. Bower Barff on Iron.

Front: Cast Brass or Bronze, Beveled $\frac{1}{8}$ in. on 2 in.

Doors: Exact thickness to be specified. Can be furnished for doors $1\frac{3}{4}$ to $3\frac{1}{2}$ in.

Hand: Specify hand.

Backset: Regular, 3 in.

Knob Hub: Furnished with Self-Lubricating Shanks.

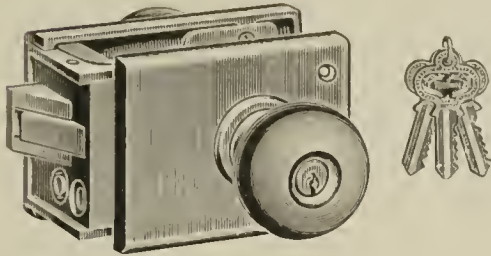
Strike: Cast Brass or Bronze. Recessed Type.

Bolts: Cast Bronze, Swinging Type, $\frac{3}{4}$ in. throw.

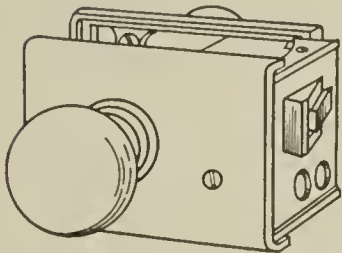
Cylinder: 5 Pins, Changes practically unlimited.

Keys: 3 Liberty Silver, Class No. 852.

Master- Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.



2186M



Number	Type	Cylinder
2186M	Horizontal	One
2886M	Upright	One

Operation: Latch bolt can be operated by knobs from either side except when outside knob is set by stops in face of lock. When knob is set, latch bolt can be operated by key only from outside, and by knob from inside.

The latch bolt is of the anti-friction type, thus insuring easy action.

Lock is furnished with recessed front, thereby protecting latch and stops against manipulation from outside.

Description of Nos. 2187 $\frac{1}{2}$ M, 2887 $\frac{1}{2}$ M

These locks have been approved by the New York Fire Underwriters, and their use secures the lowest rate of insurance.

Furnished only in Enfield design, pages 47, 48.

Full size detail of Jamb for correct application of strike should be submitted when ordering.

Knobs and

Escutcheons: Cast Brass or Bronze. Bower Barff on Iron

Front: Cast Brass or Bronze, Beveled $\frac{1}{8}$ in. on 2 in.

Doors: Exact thickness to be specified. Can be furnished for doors $1\frac{3}{4}$ to $3\frac{1}{2}$ in.

Hand: Specify hand.

Backset: Regular, 3 in.

Knob Hub: Furnished with Self-Lubricating Shanks.

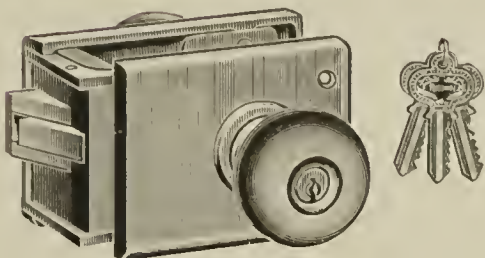
Strike: Cast Brass or Bronze, Recessed Type.

Bolts: Cast Bronze, Swinging Type, $\frac{3}{4}$ in. throw.

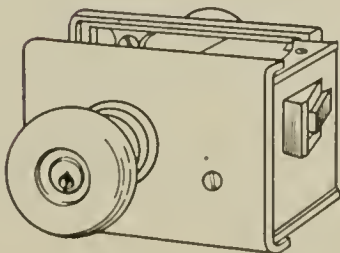
Cylinder: 5 Pins, Changes practically unlimited.

Keys: 3 Liberty Silver, Class No. 852.

Master- Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.



2187 $\frac{1}{2}$ M



Number	Type	Cylinder
2187 $\frac{1}{2}$ M	Horizontal	Two
2887 $\frac{1}{2}$ M	Upright	Two

Operation: Latch bolt can be operated by knobs from either side, except when outside knob is set by master key through the inside cylinder. When knob is set, latch can be operated by change or master key only from outside, and by knob from inside.

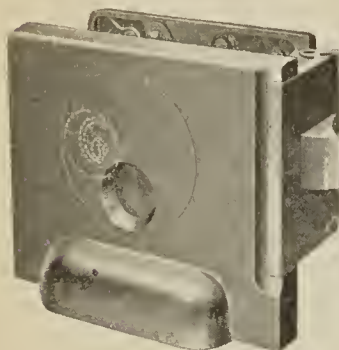
The regular change or master key will operate outside cylinder, but only the master key will operate the inside cylinder, unless otherwise specified.

Furnished only for reverse bevel doors opening out. Lock is furnished with recessed face to prevent manipulation of latch.

Coupon Booth Locks and Equipment

Patented

For Coupon Booth Doors



Left-Hand Reverse Bevel

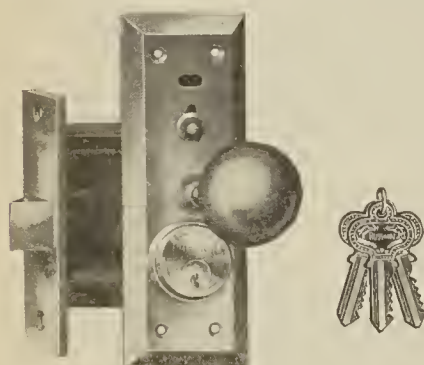
Latch bolt can be operated by key only from outside, by knob from inside. Coupon booth door is held open when the booth is not occupied, by a special door stop or stay which is attached to the door. This stop is placed in position by the attendant to hold the door open, and releases automatically when patron opens the door. A door closer shuts the door which is always locked when in the closed position. The keyhole is concealed by a revolving disc which has been thrown in position by the attendant.

The occupant of the booth releases the door by turning the inside knob—no key being necessary. This operation of the knob releases the circular disc, which revolves automatically and exposes the keyhole, thus indicating to the attendant in charge that the booth is vacant.

As the door is closed by means of the door closer, after the departure of the patron, the booth is secure against other patrons of the institution until it has been inspected by the attendant. He can enter by means of his key, since the keyhole is exposed, and examine the booth for any valuables left by the last occupant. He then places the door stop in position and throws the disc over the keyhole; the booth now being ready for the next patron.

Cannot be master-keyed.

Number	Type	Cylinder	Knob	Excutecheons	For Doors
2196	Horizontal	One	One 2¼ in.	Inside, 3½ x 4⅞ in. Outside, 4¾ x 4 in.	1¾ to 3½ in.



Number
01297 Lnx.

One set in a box, with screws

01297 Lenox

(Also furnished in Pyramid design.)

Case: 3¼ x 3½ x ¾ in., Cast Iron, Japanned.
 Front: 5½ x ¾ in., Cast Brass or Bronze.
 Hand: Not Reversible. Specify Hand and Thickness of Door.
 Backset: Regular, 2¾ in., Special, none.
 Knob Hub: Brass for ⅝ in. Spindle.
 Strike: 1¼ in. Lip to Center, Cast Brass or Bronze, Type No. 4.
 Bolts: Cast Bronze, Latch Construction: Type EC, page 239.
 Cylinder: 1 No. 1, 6 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 852.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: Latch bolt can be operated by key only from outside, by knob from inside. The outside knob is always rigid and acts as a pull.



Number
68

One set in a box, with screws

The door of the booth is held open, when unoccupied, by the Automatic Door Holder. The opening of the door by the client entering the booth, releases the door holder, and the door controlled by closer shuts quietly and locks. The occupant of the booth merely turns the knob to leave, which operates a red indicator on the outside escutcheon, thus indicating to the attendant that the booth is vacant. As the door has been closed, after the departure of the occupant by means of the closer, the booth is secure against other patrons until it has been inspected by the attendant. He can enter by his key and examine the booth for any valuables left by the last occupant. He then throws the indicator back and sets the door holder, leaving the door open for the next client.

Specify Number and Finish. Finishes described on pages 16 to 18.

Unit Lock Strikes

The regular strikes furnished with all Unit Locks are of the "Protected Box" type which affords security against attempt to force back the latch bolt when locks are applied to doors opening in. The main feature of its construction is the flange which prevents the insertion of any instrument through the slot of the door jamb with intent to press back the latch bolt or manipulate the stops. An essential feature of this strike is the metal "box" to receive the bolt or bolts by which means all raw wood exposed in mortising is concealed and the best possible finish imparted to the door jamb.

These strikes can be furnished, with "Hunt Lip" (see page 340 for illustration). This strike is made with the lip especially shaped to conform to the outline of the door casing.

When ordering, it is necessary to send a full-sized detail section of the door jamb or casing, also state thickness of door.

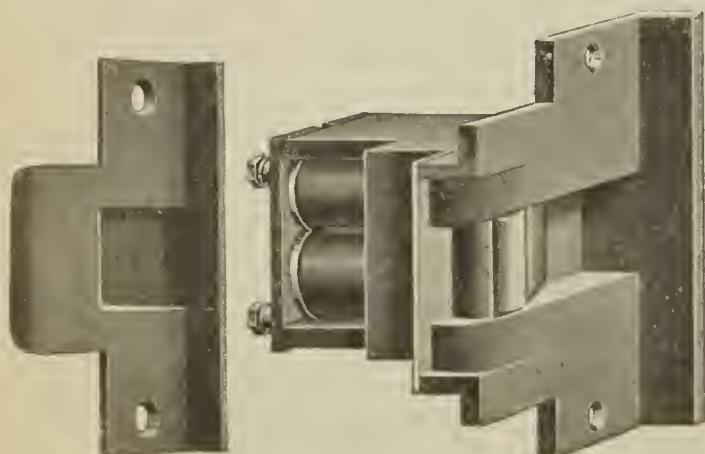
When ordering regular strikes with special length lip, it is necessary to give the distance from the inside face of the door to the outside of the trim.

Electric Strikes or Door Openers for Unit Locks

The No. 2156 Strike is for use with all Russwin Unit Locks with latch bolt only.

Furnished with Pusher No. 1.

For full description and dimensions of strikes and illustration of Pusher, see page 340.



Protected
Box Strike

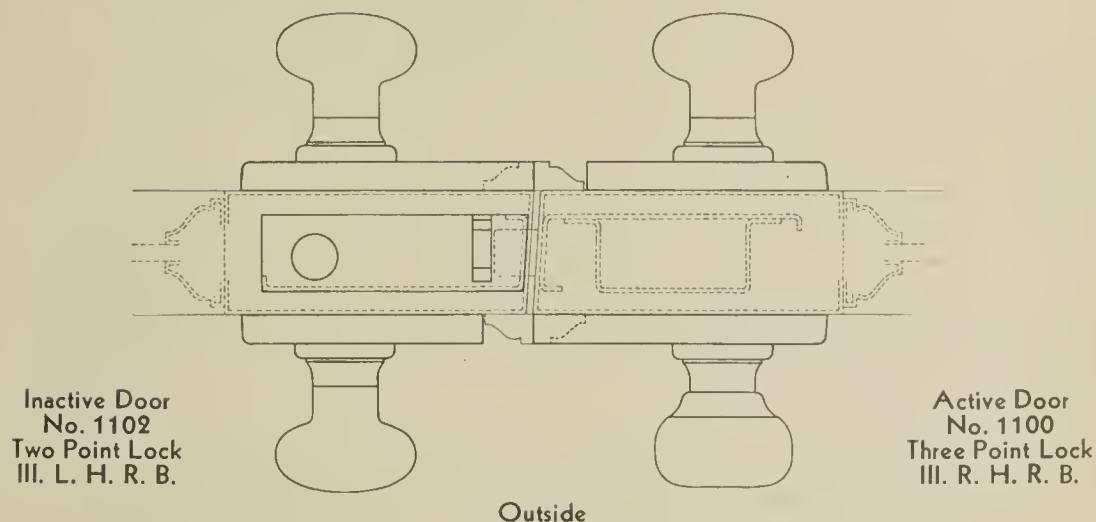
Electric Strike or Door Opener
for Unit Locks

Two-Point Gravity Lock No. 1102

For use on Class "A" Fire Doors

Approved by Underwriters' Laboratories, Inc.

Applied to Inactive Leaf of Double Doors, Acts as Strike
For No. 1100 Three Point Lock on Active Door



OPERATION:

Two Point Lock can be operated by Knob from inside only when Active Door is open. Top and Bottom Bolts are retracted simultaneously by Knob and are automatically projected by closing the Door. When both Doors are closed Knob is automatically locked by Bolts of Three Point Lock blocking vertical Rod of Two Point Lock, making Knob rigid.

FURNISHED WITH KNOB 38 INCHES FROM BOTTOM OF DOOR UNLESS OTHERWISE ORDERED.

Furnished with co-ordinating device to prevent active Door from closing ahead of Inactive Door.

See Illustration of No. 1100—3 Point Lock on Page 257 for Details.

Number	Case	Bolts	Strikes	Trim
1102	4 1/4 x 1 1/4 Galvanized Steel Length as Required	3/4 Diameter 3/4 Throw Steel	Top and Bottom Cast Bronze Bottom Strike fur- nished with Cement Box when so or- dered.	Unit Lock Knobs and Escutcheons Enfield Design. Cast Brass or Bronze. Can be furnished in other Sizes and Designs to order.

When ordering, specify Hand, Thickness and Height of Door, Width of Stile and furnish Detail Section of Head Jamb and Meeting Stiles.

Three-Point Gravity Lock No. 1103

For use on Class "A" Fire Doors

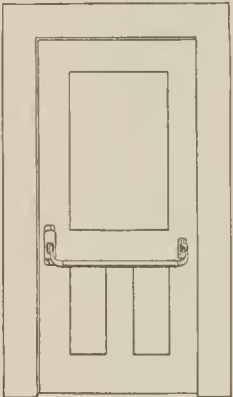
Approved by Underwriters' Laboratories, Inc.

WITH FIRE EXIT BOLT No. 1166

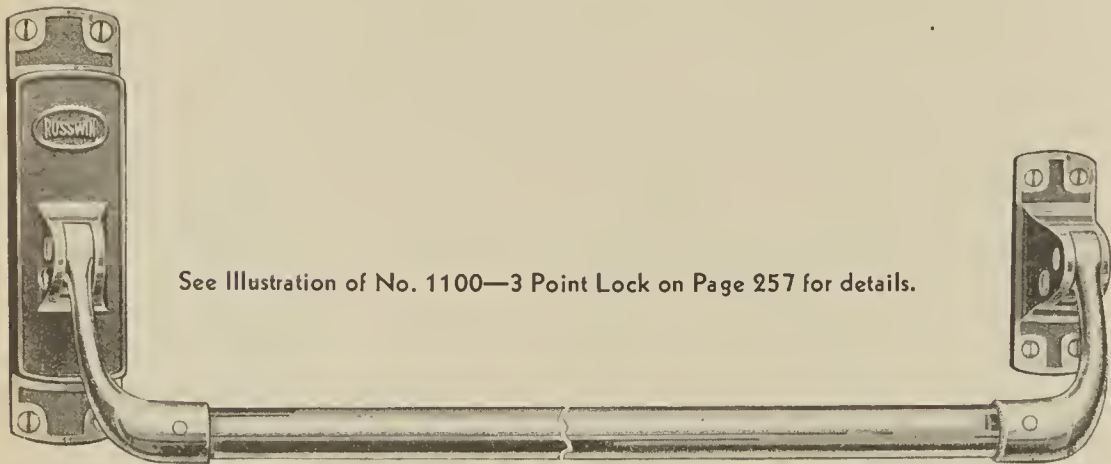
Applied to Single Doors or to Active Leaf of Double Doors
With Two Point Lock No. 1102 on Inactive Door



Outside, With Trim



Inside, Bolt Applied



No. 1166 Fire Exit Bolt Bar—For Inside of Door

See Illustration of No. 1100—3 Point Lock on Page 257 for details.

OPERATION:

By Knob from outside except when deadlocked by Key.

A slight push on the Bar instantly releases the Door from the inside at all times.

All Bolts are withdrawn simultaneously by Knob or Exit Bar and are automatically held retracted until tripped by the action of the Latch when the Door is closed.

Furnished with Knob 38 inches from bottom of Door unless otherwise specified.

Furnished with co-ordinating device for Double Doors to prevent active Door from closing ahead of inactive Door.

MASTERKEYING:

Can be Master-Keyed in Sets, as desired, with other Russwin Cylinder Locks, Page 355.

Number	Case	Bolts	Strikes	Trim	
1103	6 Ft. 5 In. x 4¼ x 1¼ In. Steel Galvanized	¾ In. Diameter ¾ In. Throw Steel	Malleable Iron for Single Doors No. 1102 Bolt for Double Doors	Outside Unit Lock Knob and Escutcheon Enfield Design. Cast Brass or Bronze. Can be furnished in other sizes and Designs to order. Inside No. 1166 Fire Exit Bolt.	
Number	Bar	Active Case	Supporting Case	Lock	Outside Trim
1166	1 In.	8⅛ x 2⅛	4⅜ x 1⅝ In.	No. 1103	Unit Lock Knob and Es- cutcheon Enfield Design. Cast Brass or Bronze. Can be furnished in other sizes and Designs to Order.

When ordering for Single Doors specify Hand and Thickness of Door, Width of Door and Stile and Furnish Detail Section of Side Jamb and Stile.

When ordering for Double Doors specify Hand, Thickness and Height of Doors, Width of Stile and Furnish Detail Section of Head Jamb and Meeting Stiles.

Three-Point Gravity Lock

For Use on "Class A" Fire Doors

Approved by Underwriters' Laboratories, Inc.

- Case: 6 ft. 5 in. x 4 $\frac{1}{4}$ x 1 $\frac{1}{4}$ in., Galvanized Steel.
 Bolts: Steel.
 Strikes: Malleable Iron.
 Cylinder: Unit Lock Type.
 Keys: 3 Liberty Silver, Class No. 852.
 Backset: 3 in. Knob 35 $\frac{1}{2}$ in. from the bottom of case.
 Trim: Unit Lock Knob and Escutcheon No. 2156 Enfield.
 Can be furnished in other sizes and designs to order.
 Master- Can be master-keyed in sets, as desired, with other Russwin Cylinder Locks,
 Keying: page 355.

The three-point lock is designed to hold metal doors in their normal shape when subjected to fire. The three locking bolts act as dowels on the lock side of the door. The door manufacturer furnishes the dowels and strikers for the hinge stile.

These locks are for use on hollow metal doors only and are applied by the door manufacturer by inserting into the locking stile, through the top of the door. We have studied the application so as to give the door manufacturer as little difficulty as possible, and we call particular attention to the ease with which our bolt can be applied as compared with other bolts of this type. All mortising in the front of the stile has been eliminated; all that is necessary is to punch three holes for the round bolts and one for the square latch. Our bolt case is beveled $\frac{1}{8}$ on 2 inches to correspond to the bevel of the door. The complete lock with the exception of knobs and escutcheons is mounted on a solid wrought steel panel, which is firmly attached to the door by nine machine screws on the edge of the stile.

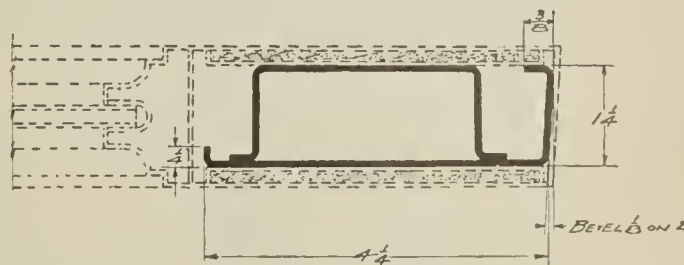
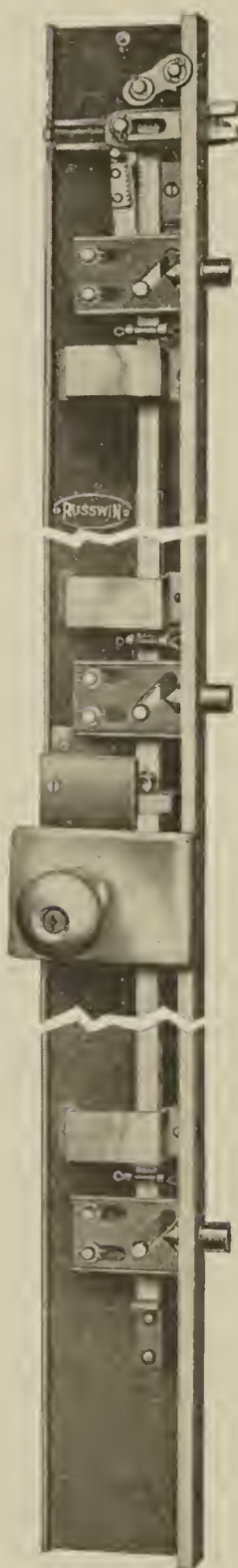
The knobs and escutcheons are of the unit type and are attached by three machine screws, bolted through the inside escutcheon into lugs on the outside escutcheon.

The three dead bolts are $\frac{3}{4}$ -inch diameter and have a throw of $\frac{3}{4}$ inch. They are withdrawn simultaneously by a turn of the knob and are automatically held retracted by a gravity actuated ratchet until tripped by the action of the latch when the door closes. The bolts then are immediately thrown into a positively locked position by the action of the vertical gravity bar until again withdrawn by use of the knob. In case the bolts should accidentally be thrown while door is open, the latch will automatically withdraw them, allowing the door to close and lock.

Number	
1100	With deadlocking feature
1101	Without deadlocking feature

Bolt No. 1101 is the same as No. 1100, but is furnished without a dead-locking feature and performs the functions of a regular latch, both knobs free to operate at all times.

Suitable for stiles not less than 6 ft. 6 in. x 4 $\frac{1}{2}$ x 1 $\frac{1}{2}$ in.

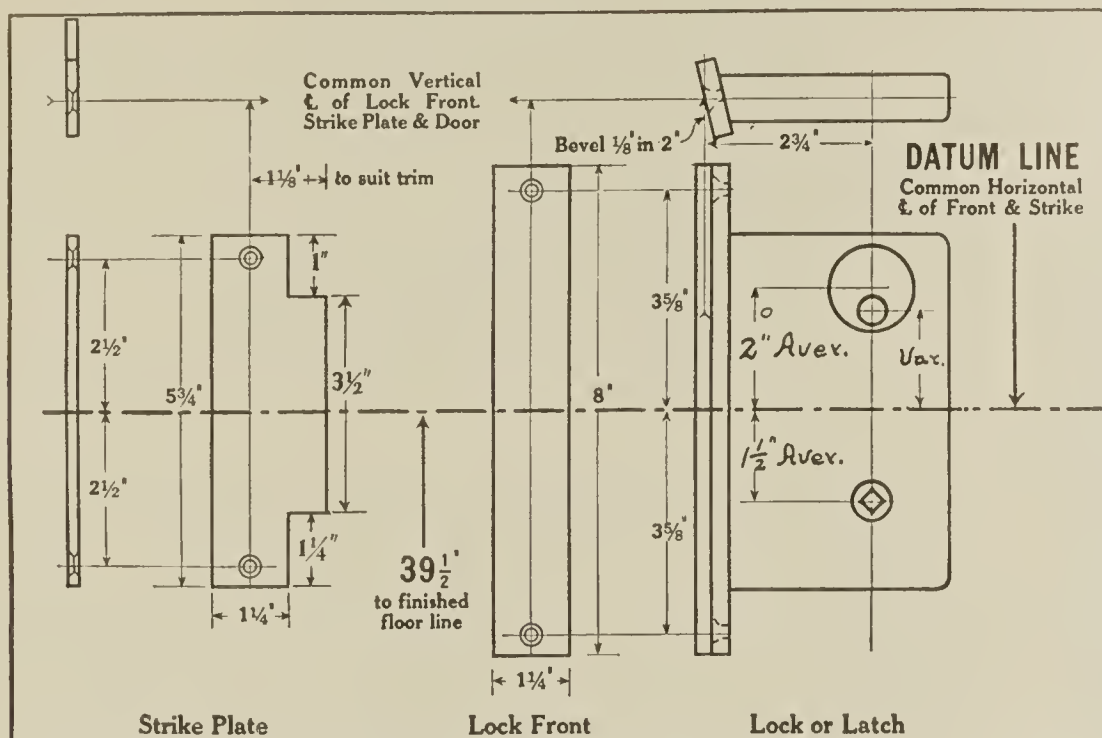


Cross section of door stile. Heavy line shows cross section of lock case

When ordering, specify hand of door and furnish detail of section of jamb and meeting stile.
 Specify Number and Finish. Finishes described on pages 16 to 18.

Standardized Template Cylinder Locks

For Hollow Metal Doors



Locks within this classification are to have a standard front 8 x 1 1/4 inch, a maximum thickness of front of 7/32 inch, furnished with machine screws 1/2 inch—No. 12 x 24. The strike is to have a standard dimension of 5 3/4 x 1 1/4 inch and the lip of the strike is to have a standard height dimension of 3 1/2 inch. The strike is to be of a flat type without any box; the box being provided by the Hollow Metal Door manufacturers who have adopted this program. The spacing between the cylinder hole and knob hole will vary in the different types of Cylinder Locks and no standard has been adopted for this difference in dimension.

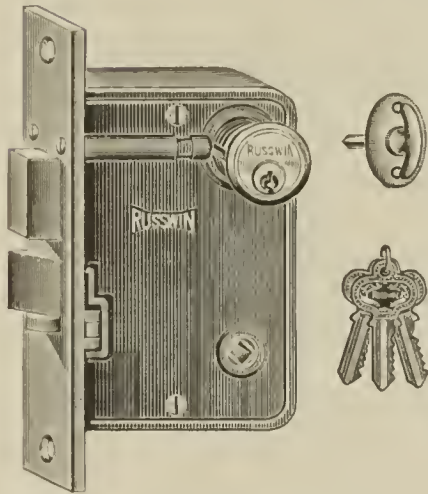
Number	Type	Description	Page
6007	1207*	Dead Locks	274
6007 1/2	1207 1/2 *	Dead Locks	274
6025	025*	Knob Latch	310
6028	028†	Underwriters Knob Latch	310
6039	239	Communicating Door Lock	291
6039 1/2	239 1/2	Communicating Door Lock	291
6098	9098	Entrance Door Lock	281
6225	1225	Entrance Door Lock	260
6225 1/4	1225 1/4	Entrance Door Lock	...
6225 1/2	1225 1/2	Entrance Door Lock	260
6233EM	1233EM	Hotel Lock	285
6233AEM	1233AEM	Hotel Lock	285
6233REM	1233REM	Hotel Lock	286
6233 1/2 REM	1233 1/2 REM	Hotel Lock	286
6234 1/2 EM	1234 1/2 EM	Hotel Lock	283
6238	1238	Office or Entrance Door Lock	267
6238 1/2	1238 1/2	Office or Vestibule Door Lock	267
6239	1239	Office or Entrance Door Lock	...
6239 1/2	1239 1/2	Office or Vestibule Door Lock	268
6239 3/4	1239 3/4	Office or Vestibule Door Lock	268
6250SM	1250SM	Hotel Lock	284
6258 1/2 M	1258 1/2 M	Exterior or Toilet Door Lock	265
6258 5/8 MP	1258 5/8 MP	Exterior or Toilet Door Lock	265
6456	1456	Office or Entrance Door Lock	266
6456 3/4	1456 3/4	Office or Entrance Door Lock	...
6456 3/4 EM	1456 3/4 EM	Hotel Lock	...
6457	1457	Underwriters Lock	263
6457 1/2 M	1457 1/2 M	Underwriters Lock	262
6458 1/2 M	1458 1/2 M	Exterior or Class Room Door Lock	264
6458 5/8 MP	1458 5/8 MP	Exterior or Class Room Door Lock	264

*Size of Case as No. 1238 Catalogue page 267.

†Size of Case as No. 1457 Catalogue page 263.

Cylinder Mortise Locks

For Entrance Doors



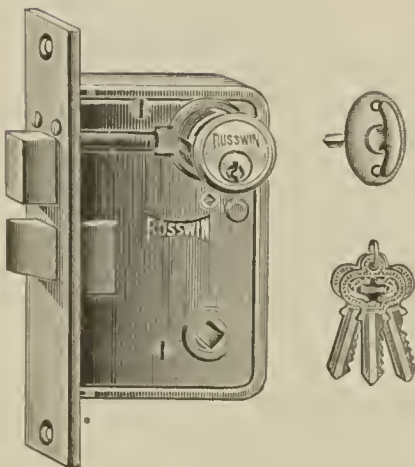
Number
1228
1228 1/2

1228

- Case: 6 x 4 x 1 in., Cast Iron, Japanned.
- Front: 8 1/4 x 1 5/16 in., Flat, Beveled 1/8 in. on 2 in., Cast Brass or Bronze.
- Hand: Not reversible, specify hand, page 236.
- Backset: Regular, 3 in., Special, none.
- Spacing: 3 5/8 in. Knob Hub: Brass, for 5/16 in. Spindle.
- Strike: 1 1/2 in. Lip to Center, Cast Brass or Bronze, Type No. 8, Special Strikes, page 340.
- Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
- Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited, pages 341 to 343.
- Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 1/2.
- Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
- Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from outside and by turn knob from inside. In unlocking door a continuous turn of key will withdraw both dead and latch bolts. Latch bolt is of the anti-friction type, insuring easy action.

1228 1/2

- Description: Same as 1228, except with two (2) Cylinders No. 1.
- Operation: Same as 1228, except dead bolt is operated from inside by Cylinder.



Number
11224
11224 1/2

11224

- Case: 5 1/2 x 3 1/2 x 3/4 in., Cast Iron, Japanned.
- Front: 7 3/4 x 1 in., Flat, Cast Brass or Bronze.
- Hand: Reversible.
- Backset: Regular 2 1/2 in., Special, none.
- Spacing: 3 5/8 in. Knob Hub: Brass for 5/16 in. Spindle.
- Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 8, Special Strikes, page 340.
- Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
- Cylinder: 1 No. 17, 5 Pins, Changes practically unlimited, pages 341 to 343.
- Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob, No. 066 1/2.
- Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355. When master-keyed specify thickness of door.
- Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from outside and by turn knob from inside.

11224 1/2

- Description: Same as 11224, except with two (2) Cylinders No. 17.
- Operation: Same as 11224, except dead bolt is operated from inside by Cylinder.

Illustrations One-quarter Size

Specify if reverse bevel, and thickness of door.

Specify Number and Finish.

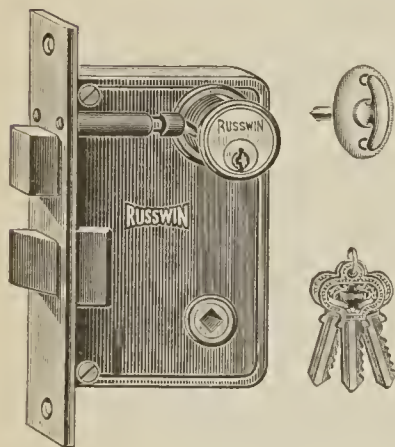
Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Locks

For Entrance Doors

1225*



Number
1225*
1225½*

- Case:** 5¾ x 3¾ x ¾ in., Cast Iron, Japanned.
- Front:** 8 x 1¼ in., Flat, Cast Brass or Bronze.
- Hand:** Reversible in all Backsets.
- Backset:** Regular 2¾ in., Special 1¾, 2, 2¼, 2½, 3½ and 6¼ in. Width of Case is 1 in. more than Backset.
- Spacing:** 3⅝ in.; Knob Hub; Brass, for ⅝ in. Spindle.
- Strike:** 1¼ in. Lip to Center, Wrought Brass or Bronze, Type No. 8, Special Strikes, page 340.
- Bolts:** Cast Bronze, Latch Construction: Type EC, except 1¾ in. Backset which has Type CL, page 239.
- Cylinder:** 1 No. 8, 6 Pins, Changes practically unlimited, pages 341 to 343.
- Keys:** 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066½.
- Master-Keyed:** Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
- Operation:** Latch Bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from outside and by turn knob from inside.

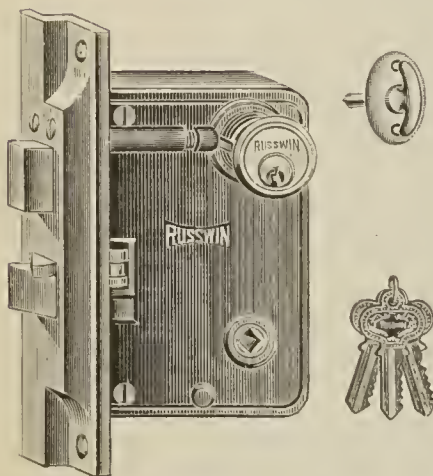
* When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6225, see page 258.

1225½*

- Description:** Same as 1225, except with two (2) Cylinders No. 1.
- Operation:** Same as 1225, except dead bolt is operated from the inside by key.

* When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6225½, see page 258.

1265 Rabbeted



Number
1265
1265½

- Description:** Same as 1225 except has Rabbeted Front. 8 x 1½ x ½ in. Rabbet.
- Hand:** Not reversible, specify hand, page 236.
- Backset:** Regular: 2¾ in. Short Side, 3¼ in. Long Side.
Special: 2½ in. Short Side, 3 in. Long Side.
Width of Case is 1 in. more than Short Side Backset.
- Strike:** 1¼ in. Lip to Center, Cast Brass or Bronze, Type No. 10.
- Operation:** Same as 1225.

1265½ Rabbeted

- Description:** Same as 1225½ except has Rabbeted Front. 8 x 1½ x ½ in. Rabbet.
- Hand:** Not reversible, specify hand, page 236.
- Backset:** Regular: 2¾ in. Short Side, 3¼ in. Long Side.
Special: 2½ in. Short Side, 3 in. Long Side.
Width of Case is 1 in. more than Short Side Backset.
- Strike:** 1¼ in. Lip to Center, Cast Brass or Bronze, Type No. 10.
- Operation:** Same as 1225½.

Illustrations One-quarter Size

Specify if reverse bevel, and thickness of door.

Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Locks

For Front, Vestibule and Office Doors

1243



Number
1243

- Case: $6\frac{1}{2} \times 4\frac{1}{8} \times 1$ in., Cast Iron, Japanned.
 Front: $8\frac{3}{4} \times 1\frac{3}{8}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 3 in., Special, $2\frac{1}{2}$ in., page 240.
 Width of Case is $1\frac{1}{8}$ in. more than Backset.
 Spacing: $3\frac{5}{8}$ in. Knob Hub: Brass for $\frac{5}{16} \times \frac{3}{8}$ in. Swivel Spindle.
 Strike: $1\frac{1}{2}$ in. Lip to Center, Cast Brass or Bronze, Type No. 8, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type EC for 3 in. Backset; Type DC for $2\frac{1}{2}$ in. Backset, page 239.
 Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited, pages 341 to 343
 Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 $\frac{1}{2}$.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: Latch bolt can be operated by knobs from either side, except when outside knob is set by stops in face of lock, then by key only from outside and by knob from inside. In addition this lock has a dead bolt operated by key from outside and by turn knob from inside.
 Both dead and latch bolt can be operated from outside by a continuous turn of key.

1243 $\frac{1}{2}$



Number
1243 $\frac{1}{2}$

- Case: $6\frac{1}{2} \times 4 \times 1$ in., Cast Iron, Japanned.
 Front: $8\frac{3}{4} \times 1\frac{3}{8}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 3 in., Special, none, page 240.
 Spacing: $3\frac{5}{8}$ in. Knob Hub: Brass for $\frac{5}{16} \times \frac{3}{8}$ in. Swivel Spindle.
 Strike: $1\frac{1}{2}$ in. Lip to Center, Cast Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited, pages 341 to 343.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: Latch bolt by knobs from either side except when outside knob is deadlocked by stops in face of lock, then by key only from outside. Latch bolt can always be operated by knob from inside.

1273 Rabbeted

- Description: Same as 1243 except has Rabbeted Front. $8\frac{3}{4} \times 1\frac{1}{2} \times \frac{1}{2}$ in.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 3 in. Short Side, $3\frac{1}{2}$ in. Long Side.
 Strike: $1\frac{1}{2}$ in. Lip to Center, Cast Brass or Bronze, Type No. 10.
 Operation: Same as 1243.

1273 $\frac{1}{2}$ Rabbeted

- Description: Same as 1243 $\frac{1}{2}$, except has Rabbeted Front. $8\frac{3}{4} \times 1\frac{1}{2} \times \frac{1}{2}$ in.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 3 in. Short Side, $3\frac{1}{2}$ in. Long Side.
 Strike: $\frac{1}{2}$ in. Lip to Center, Cast Brass or Bronze, Type No. 10A.
 Operation: Same as 1243 $\frac{1}{2}$.

Illustrations One-quarter Size

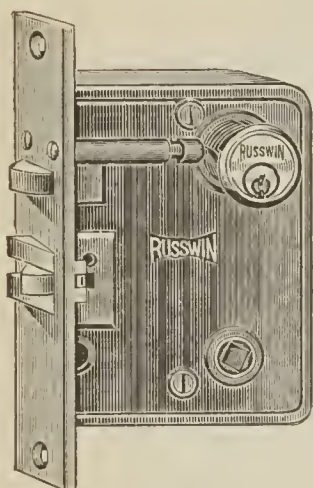
Specify Number and Finish.

Finishes described on pages 16 to 18.

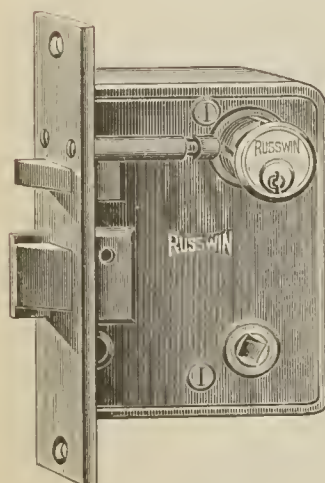
One in a box, with screws.

Cylinder Mortise Locks

For Class "B" Fire Tower Doors



Number
1457 1/2 M*



Number
01457 1/2 M

Illustrations One-quarter Size

1457 1/2 M*

- Case: 6 x 4 1/4 x 1 3/16 in., Cast Iron, Japanned.
 Front: 8 x 1 1/4 in. Flat, Beveled 1/8 in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular 2 3/4 in., Special, none.
 Spacing: 3 5/8 in. Knob Hub: Brass, for 5/16 x 3/8 in. Swivel Spindle.
 Strike: 1 1/4 in. Lip to Center, Cast Brass or Bronze, Type No. 4B, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
 Cylinders: 2, No. 1 M x No. 1, 6 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.

Operation: Latch bolt, which is of the anti-friction type, insuring easy action, has a 3/4 in. throw, making the lock especially adapted for Kalamein and other Fire Tower Doors, can be operated by knobs from either side, except when outside knob is set by Master-key through inside cylinder. When outside knob is set, latch bolt can be operated by key only from outside and knob from inside. It has a swinging auxiliary latch with an easy action, which automatically dead locks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike.

The regular Change or Master-key will operate outside cylinder, but only the Master-key will operate the inside cylinder, unless otherwise specified.

*When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6457 1/2 M, see Page 258.

01457 1/2 M

- Case: 6 x 4 3/4 x 1 3/16 in., Cast Iron, Japanned.
 Front: 8 3/8 x 1 1/4 in. Flat, Beveled 1/8 in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular 3 1/4 in., Special, none.
 Spacing: 3 5/8 in. Knob Hub: Brass, for 5/16 x 3/8 in. Swivel Spindle.
 Strike: 1 1/4 in. Lip to Center, Cast Brass or Bronze, Type No. 4B, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
 Cylinders: 2, No. 1M x No. 1, 6 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.

Operation: Latch bolt, which is of the winged type having a 3/4 in. throw, is especially adapted for use on Kalamein and other Fire Tower Doors operated by knobs from either side, except when outside knob is set by Master-key through inside cylinder. When outside knob is set, latch bolt can be operated by key only from outside and knob from inside. Sliding auxiliary latch automatically dead locks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. The regular Change or Master-key will operate outside cylinder, but only the Master-key will operate the inside cylinder, unless otherwise specified.

Specify if reverse bevel, and thickness of door.

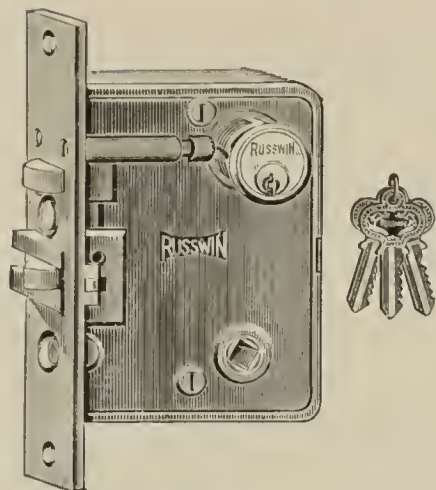
Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Locks

For Class "B" Fire Tower Doors

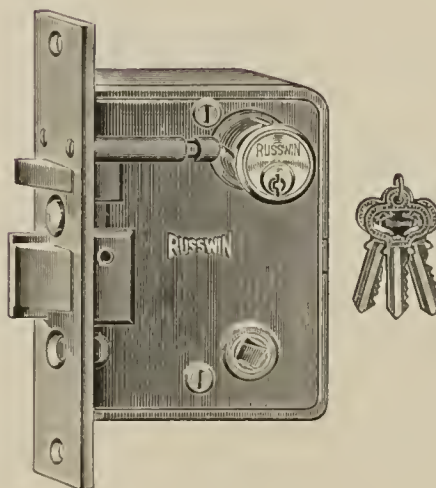


Number
1457*

1457*

- Case: 6 x 4 $\frac{1}{4}$ x 1 $\frac{3}{16}$ in., Cast Iron, Japanned.
- Front: 8 x 1 $\frac{1}{4}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
- Hand: Not reversible, specify hand, page 236.
- Backset: Regular, 2 $\frac{3}{4}$ in., Special, none.
- Spacing: 3 $\frac{5}{8}$ in. Knob Hub: Brass, for $\frac{5}{16}$ x $\frac{3}{8}$ in. Swivel Spindle.
- Strike: 1 $\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 4B, Special Strikes, page 340.
- Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
- Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited, page 341.
- Keys: 3 Liberty Silver, Class No. 852, page 346.
- Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
- Operation: Latch bolt, which is of the anti-friction type, insuring easy action has a $\frac{3}{4}$ in. throw, making the lock especially adapted for use on Kalamein and other Fire Tower Doors. Can be operated by knobs from either side, except when outside knob is set by stops in face of lock. When outside knob is set, latch bolt can be operated by key only from outside and by knob from inside. It has a swinging auxiliary latch with an easy action which automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. It also prevents any manipulation of stops when door is closed, thus making the lock absolutely secure against entrance except by key.

*When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6457, see page 258.



Number
01457

01457

- Case: 6 x 4 $\frac{3}{4}$ x 1 $\frac{3}{16}$ in., Cast Iron, Japanned.
- Front: 8 $\frac{3}{8}$ x 1 $\frac{1}{4}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
- Hand: Not reversible, specify hand, page 236.
- Backset: Regular, 3 $\frac{1}{4}$ in., Special, none.
- Spacing: 3 $\frac{5}{8}$ in. Knob Hub: Brass, for $\frac{5}{16}$ x $\frac{3}{8}$ in. Swivel Spindle.
- Strike: 1 $\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 4B, Special Strikes, page 340.
- Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
- Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited, page 341.
- Keys: 3 Liberty Silver, Class No. 852, page 346.
- Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
- Operation: Latch bolt, which is of the winged type having a $\frac{3}{4}$ in. throw, is especially adapted for use on Kalamein and other Fire Tower Doors operated by knobs from either side, except when outside knob is set by stops in face of lock. When outside knob is set, latch bolt can be operated by key only from outside and by knob from inside. Sliding auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. It also prevents any manipulation of stops when door is closed, thus making the lock absolutely secure against entrance except by key.

Illustrations One-quarter Size

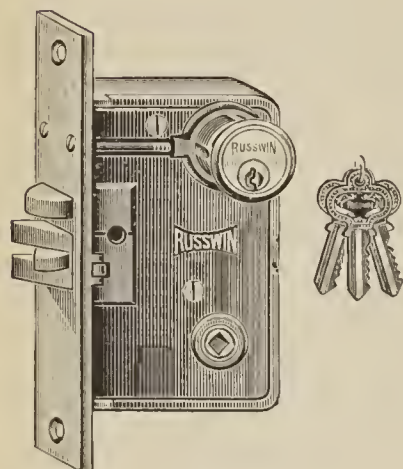
Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Locks

For Entrance Doors to Apartment Houses, Schools and Public Buildings



Number
11458 1/2 M
11458 5/8 MP

11458 1/2 M

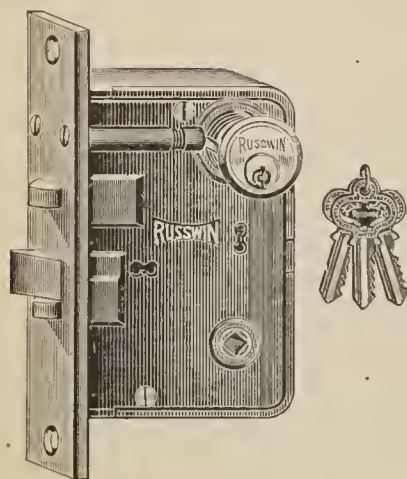
- Case: 5 1/2 x 3 1/2 x 3/4 in., Cast Iron Japanned.
 Front: 7 3/4 x 1 1/8 in., Flat, Beveled, 1/8 in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 1/2 in., Special, none.
 Spacing: 3 3/8 in. Knob Hub: Brass, for 5/16 x 3/8 in. Swivel Spindle.
 Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 4B, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
 Cylinders: 2, No. 1Mx No. 1, 6 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: Latch bolt, which is of the anti-friction type, insuring easy action, can be operated by knobs from either side except when outside knob is set by Master Key through inside cylinder. When outside knob is set, latch bolt can be operated by key only from outside and knob from inside. It has a swinging auxiliary latch with an easy action, which automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. The regular Change or Master Key will operate outside cylinder, but only the Master Key will operate the inside cylinder unless otherwise specified.

11458 5/8 MP

Recommended for Class Room Doors

- Description: Same as 11458 1/2 M except has 1 No. 1MP cylinder.
 Operation: Latch bolt, which is of the anti-friction type, insuring easy action, can be operated by knob from either side except when outside knob is set by Change or Master Key through outside cylinder. When outside knob is set, latch bolt can be operated by key only from outside and knob from inside.

1458 1/2 M*



Number
1458 1/2 M*
1458 5/8 MP*

- Case: 5 3/4 x 3 3/4 x 3/4 in., Cast Iron, Japanned.
 Front: 8 x 1 1/4 in., Flat, Beveled 1/8 in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 3/4 in., Special, 2 1/2 and 3 1/8 in. Width of Case is 1 in. more than Backset.
 Spacing: 3 3/8 in. Knob Hub: Brass, for 5/16 x 3/8 in. Swivel Spindle.
 Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 4B, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type EC, page 239.
 Cylinders: 2, No. 1Mx No. 1, 6 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: Latch bolt, which is of the anti-friction type, insuring easy action, can be operated by knobs from either side except when outside knob is set by Master Key through inside cylinder. When outside knob is set, latch bolt can be operated by key only from outside and knob from inside.
 It has a swinging auxiliary latch with an easy action (except on 2 1/2 and 3 1/8 in. backsets, which have sliding auxiliary latch), which automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. The regular Change or Master Key will operate outside cylinder, but only the Master Key will operate the inside cylinder unless otherwise specified.

* When wanted for Hollow Metal Doors made to Standardized Template, specify No. 6458 1/2 M, see page 258.

1458 5/8 MP*

Recommended for Class Room Doors

- Description: Same as 1458 1/2 M except has 1 No. 1MP cylinder.
 Operation: Latch bolt, which is of the anti-friction type, insuring easy action, can be operated by knob from either side except when outside knob is set by Change or Master Key through outside cylinder. When outside knob is set, latch bolt can be operated by key only from outside and knob from inside.

* When wanted for Hollow Metal Doors made to Standardized Template, specify No. 6458 5/8 MP, see page 258.

Illustrations One-quarter Size

Specify Number and Finish.

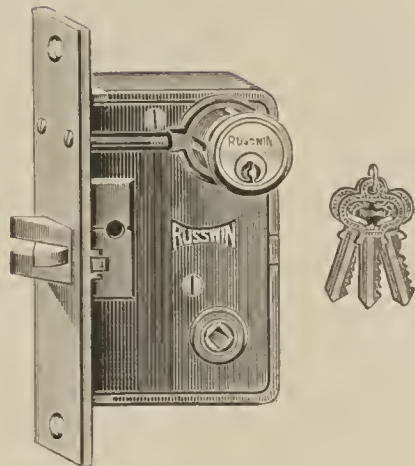
Specify if reverse bevel, and thickness of door.

Finishes described on pages 16 to 18.

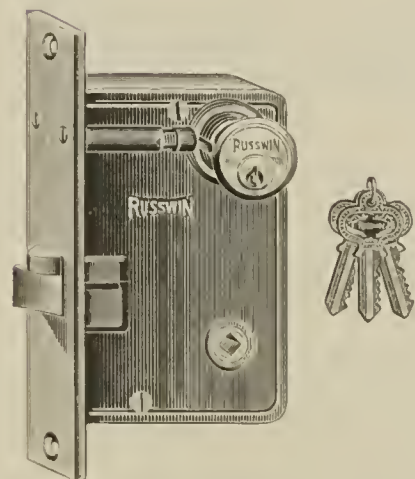
One in a box, with screws.

Cylinder Mortise Locks

For Entrance Doors to Apartment Houses, Schools and Public Buildings



Number
11258 1/2M



Number
1258 1/2M*
1258 5/8MP*

Illustrations One-quarter Size

11258 1/2M

- Case: 5 1/2 x 3 1/2 x 3/4 in., Cast Iron, Japanned.
 Front: 7 3/4 x 1 1/8 in. Flat, Beveled 1/8 in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 1/2 in., Special, none.
 Spacing: 3 5/8 in. Knob Hub: Brass, for 5/16 x 3/8 in. Swivel Spindle.
 Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
 Cylinders: 2, No. 1Mx No. 1, 6 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: Latch bolt, which is of the anti-friction type, insuring easy action, can be operated by knobs from either side except when outside knob is set by Master Key through inside cylinder. When outside knob is set, latch bolt can be operated by key only from outside and knob from inside. The regular Change or Master Key will operate outside cylinder, but only the Master Key will operate the inside cylinder unless otherwise specified.

1258 1/2M*

- Case: 5 3/4 x 3 3/4 x 3/4 in., Cast Iron, Japanned.
 Front: 8 x 1 1/4 in. Flat, Beveled 1/8 in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 3/4 in., Special, none.
 Spacing: 3 5/8 in. Knob Hub: Brass, for 5/16 x 3/8 in. Swivel Spindle.
 Strike: 1 1/2 in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type EC, page 239.
 Cylinders: 2, No. 1Mx No. 1, 6 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: Latch bolt, which is of the anti-friction type, insuring easy action, can be operated by knobs from either side except when outside knob is set by Master Key through inside cylinder. When outside knob is set, latch bolt can be operated by key only from outside and knob from inside. The regular Change or Master Key will operate outside cylinder, but only the Master Key will operate the inside cylinder unless otherwise specified.

*When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6258 1/2M, see page 258.

1258 5/8MP*

Recommended for Class Room Doors

- Description: Same as 1258 1/2M except has 1 No. 1MP Cylinder.
 Operation: Latch bolt, which is of the anti-friction type, insuring easy action, can be operated by knob from either side except when outside knob is set by Change or Master Key through outside cylinder. When outside knob is set, latch bolt can be operated by key only from outside and knob from inside.

*When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6258 5/8MP, see page 258.

Specify Number and Finish.

Specify if reverse bevel, and thickness of door.

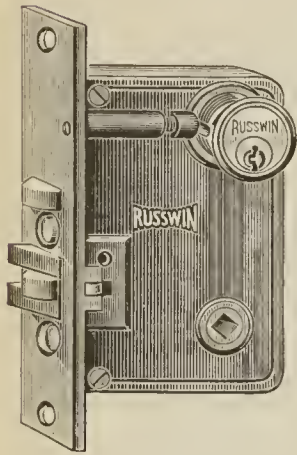
Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Locks

For Front, Vestibule and Office Doors

1456*

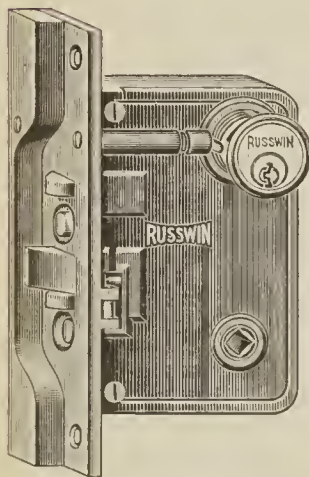


Number
1456*

- Case: 5 3/4 x 3 3/4 x 1 3/16 in., Cast Iron, Japanned.
 Front: 8 x 1 1/4 in., Flat, Beveled 1/8 in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 3/4 in., Special, 2 1/2 in.
 Width of Case is 1 in. more than Backset.
 Spacing: 3 5/8 in. Knob Hub: Brass, for 5/16 x 3/8 in., Swivel Spindle.
 Strike: 1 1/2 in. Lip to Center, Wrought Brass or Bronze, Type No. 4B, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type EC, page 239.
 Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks page 355.
 Operation: Latch bolt which is of the anti-friction type, insuring easy action can be operated by knobs from either side, except when outside knob is set by stops in face of lock. When outside knob is set, latch bolt can be operated by key only from outside and by knob from inside.

It has a swinging auxiliary latch with an easy action (except on 2 1/2 in. Backset which has sliding auxiliary latch), which automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. It also prevents any manipulation of stops when door is closed, thus making the lock absolutely secure against entrance except by key.

*When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6456, see page 258.

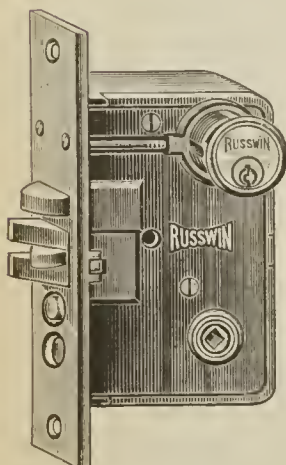


Number
1476

1476 Rabbeted

- Description: Same as 1456 except has Rabbeted Front, 8 x 1 1/4 x 1/2 in.
 Strike: Cast Brass or Bronze, Type No. 10C.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular: 2 3/4 in. Short Side, 3 1/4 in. Long Side.
 Special: 2 1/2 in. Short Side, 3 in. Long Side.
 Width of Case is 1 in. more than Short Side Backset.
 Operation: Same as No. 1456.

11456



Number
11456

- Case: 5 1/2 x 3 1/2 x 3/4 in., Cast Iron, Japanned.
 Front: 7 3/4 x 1 1/8 in., Flat, Beveled 1/8 in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 1/2 in., Special, none.
 Spacing: 3 5/8 in. Knob Hub: Brass, for 5/16 x 3/8 in., Swivel Spindle.
 Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 4B, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
 Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: Latch bolt which is of the anti-friction type, insuring easy action can be operated by knobs from either side, except when outside knob is set by stops in face of lock. When outside knob is set, latch bolt can be operated by key only from outside and by knob from inside.
 It has a swinging auxiliary latch with an easy action, which automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. It also prevents any manipulation of stops when door is closed, thus making the lock absolutely secure against entrance except by key.

Illustrations One-quarter Size

Specify Number and Finish.

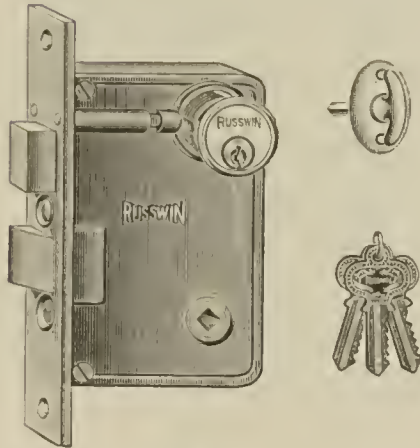
Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Locks

For Front, Vestibule and Office Doors

1238*

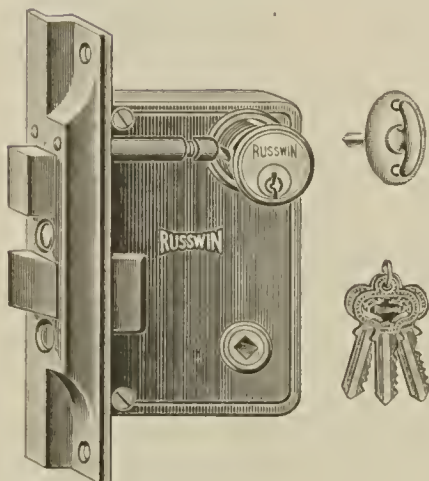


Number
1238*
1238 1/2*

- Case: 5 3/4 x 3 3/4 x 3/4 in., Cast Iron, Japanned.
 Front: 8 x 1 1/4 in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2 3/4 in., Special, 1 3/4, 2, 2 1/4, 2 1/2, 3, 3 1/2 and 6 1/4 in. Width of Case is 1 in. more than Backset.
 Spacing: 3 5/8 in., Knob Hub: Brass for 5/16 x 3/8 in. Swivel Spindle.
 Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 8, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type EC, except 1 3/4 in. Backset which is Type CL, page 239.
 Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 1/2.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
 Operation: Latch bolt can be operated by knobs from either side, except when outside knob is set by stops in face of lock. When outside knob is set latch bolt can be operated by key only from outside and by knob from inside. In addition it has a dead bolt operated by key from outside and by turn knob from inside. A continuous turn of key or turn knob will withdraw both dead and latch bolt.

* When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6238, see page 258.

1238 1/2*



Number
1278
1278 1/2

- Case: 5 3/4 x 3 3/4 x 3/4 in., Cast Iron, Japanned.
 Front: 8 x 1 1/4 in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2 3/4 in., Special, 1 3/4, 2, 2 1/4, 2 1/2, 3, 3 1/2 and 6 1/4 in. Width of Case is 1 in. more than Backset.
 Spacing: 3 5/8 in., Knob Hub: Brass for 5/16 x 3/8 in. Swivel Spindle.
 Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolt: Cast Bronze, Latch Construction: Type EC, except 1 3/4 in. Backset which is Type CL, page 239.
 Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
 Operation: Latch bolt can be operated by knobs from either side, except when outside knob is set by stops in face of lock. When knob is set latch bolt can be operated by key only from outside and knob inside.

* When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6238 1/2, see page 258.

1278 Rabbeted

- Description: Same as 1238 except has Rabbeted Front 8 x 1 3/8 x 1/2 in.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 3/4 in. Short Side, 3 1/4 in. Long Side. Special, 1 3/4, 2, 2 1/4, 2 1/2, 3 1/2 and 6 1/4 in. Short Side; 2 1/4, 2 1/2, 2 3/4, 3, 4 and 6 3/4 in. Long Side. Width of Case is 1 in. more than Short Side Backset.
 Strike: 1 1/4 in. Lip to Center, Cast Brass or Bronze, Type No. 10.
 Operation: Same as 1238.

1278 1/2 Rabbeted

- Description: Same as 1238 1/2, except has Rabbeted Front 8 x 1 3/8 x 1/2 in.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 3/4 in. Short Side, 3 1/4 in. Long Side. Special, 1 3/4, 2, 2 1/4, 2 1/2, 3 1/2 and 6 1/4 in. Short Side; 2 1/4, 2 1/2, 2 3/4, 3, 4 and 6 3/4 in. Long Side. Width of Case is 1 in. more than Short Side Backset.
 Strike: 1 1/4 in. Lip to Center, Cast Brass or Bronze, Type No. 10A.
 Operation: Same as 1238 1/2.

Illustrations One-quarter Size

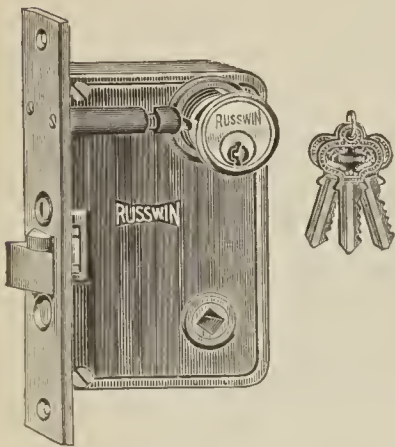
Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Locks

For Front, Vestibule and Office Doors



Number
1239 1/2*
1239 3/4*

1239 1/2*

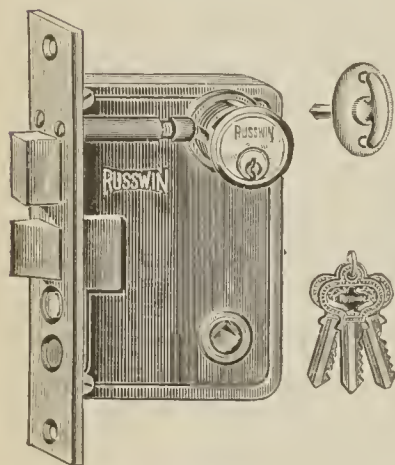
Case: 5 3/4 x 3 3/4 x 3/4 in., Cast Iron, Japanned.
Front: 8 x 1 1/4 in., Flat, Beveled 1/8 on 2 in., Cast Brass or Bronze.
Hand: Not reversible, specify hand, page 236.
Backset: Regular, 2 3/4 in., Special, 2 and 2 1/2 in.
Width of Case is 1 in. more than Backset.
Spacing: 3 5/8 in., Knob Hub: Brass for 5/16 x 3/8 in. Swivel Spindle.
Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type EC, page 239.
Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited, page 341.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed as desired with other Russwin Cylinder Locks, see page 355.
Operation: Latch bolt by knobs from either side except when outside knob is dead-locked by stops in face of lock, then by key only from outside. Latch bolt which is of the anti-friction type, can always be operated by knob from inside.

* When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6239 1/2, see page 258.

1239 3/4*

Description: Same as 1239 1/2, except in addition, it has 1 Turn Knob No. 066 1/2 for dead-locking Latch Bolt from the inside.
Spacing: 3 5/8 in. Outside, 2 3/8 in. Inside.
Backset: Regular 2 3/4 in., Special, none.
Operation: Latch bolt can be operated by knob from either side, except when outside knob is set by stops in face of lock, then by key only from outside and knob from inside.
In addition the latch bolt can be deadlocked by turn knob inside, making keys inoperative, the lock thus being absolutely secure against operation from outside.

* When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6239 3/4, see page 258.



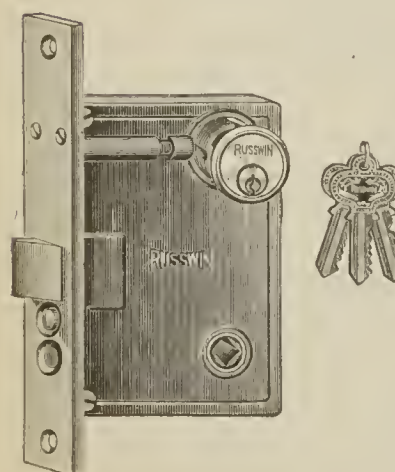
Number
1248

1248

Case: 5 1/2 x 3 7/8 x 3/4 in., Cast Iron, Japanned.
Front: 7 3/4 x 1 1/8 in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2 7/8 in., Special, 2 1/4, 2 1/2, 3, 3 1/4, 3 1/2, 4 1/4 and 5 in.
Width of Case is 1 in. more than Backset.
Spacing: 3 5/8 in., Knob Hub: Brass for 5/16 x 3/8 in. Swivel Spindle.
Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 8, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited, page 341.
Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 1/2.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
Operation: The latch bolt can be operated by knobs from either side except when outside knob is set by stops in face of lock, then by key only from outside, and by knob from inside.
In addition this lock has a dead bolt operated by key from outside and by turn knob from inside.
Both dead and latch bolts can be operated from outside by a continuous turn of key.

1248 1/2

Case: 5 1/2 x 3 7/8 x 3/4 in., Cast Iron, Japanned.
Front: 7 3/4 x 1 1/8 in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2 7/8 in., Special, 2 1/4, 2 1/2, 3, 3 1/4, 3 1/2, 4 1/4 and 5 in.
Width of Case is 1 in. more than Backset.
Spacing: 3 5/8 in., Knob Hub: Brass for 5/16 x 3/8 in. Swivel Spindle.
Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
Bolt: Cast Bronze, Latch Construction: Type CL, page 239.
Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited, page 341.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
Operation: Latch bolt by knobs from either side except when outside knob is dead-locked by stops in face of lock, then by key only from outside. Latch bolt can always be operated by knob from inside.



Number
1248 1/2

Illustrations One-quarter Size

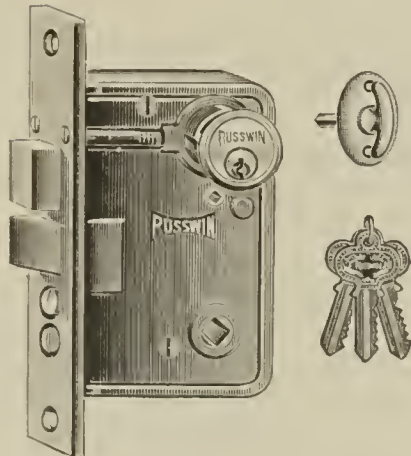
Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Locks

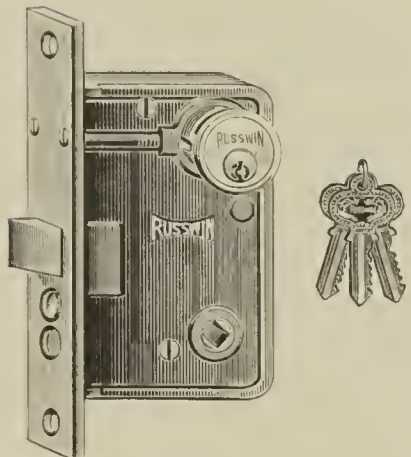
For Front, Vestibule, Office and Apartment Doors



Number
11248

11248

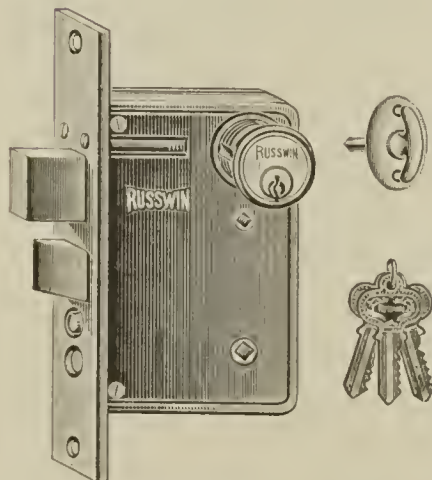
Case: $5\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{4}$ in., Cast Iron, Japanned.
 Front: $7\frac{3}{4} \times 1$ in., Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{2}$ in., Special, none.
 Spacing: $3\frac{5}{8} \times 2\frac{7}{16}$ in. Knob Hub: Brass for $\frac{5}{16} \times \frac{3}{8}$ in. Swivel Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 8, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
 Cylinder: 1 No. 17, 5 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 $\frac{1}{2}$.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355. When master-keyed specify thickness of door.
 Operation: The latch bolt can be operated by knobs from either side except when outside knob is set by stops in face of lock, then by key only from outside, and by knob from inside.
 In addition this lock has a dead bolt operated by key from outside and by turn knob from inside.
 Both Dead and Latch Bolt can be operated from outside by a continuous turn of key.



Number
11248 $\frac{1}{2}$
11248 $\frac{3}{4}$

11248 $\frac{1}{2}$

Case: $5\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{4}$ in., Cast Iron, Japanned.
 Front: $7\frac{3}{4} \times 1$ in., Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{2}$ in., Special, none.
 Spacing: $3\frac{5}{8}$ in. Knob Hub: Brass for $\frac{5}{16} \times \frac{3}{8}$ in. Swivel Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
 Cylinder: 1 No. 17, 5 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355. When master-keyed specify thickness of door.
 Operation: Latch bolt by knobs from either side except when outside knob is deadlocked by stops in face of lock, then by key only from outside. Latch bolt can always be operated by knob from inside.



Number
11748
1 Inch Throw

11248 $\frac{3}{4}$

Description: Same as 11248 $\frac{1}{2}$, except in addition, it has 1 Turn Knob No. 066 $\frac{1}{2}$ for deadlocking Latch Bolt from the inside, making keys inoperative.
 Spacing: $3\frac{5}{8}$ in. outside, $2\frac{7}{16}$ in. inside.

11748

Case: $5\frac{1}{2} \times 3\frac{5}{8} \times \frac{7}{8}$ in., Cast Iron, Japanned.
 Front: $8 \times 1\frac{1}{4}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, $2\frac{1}{2}$ in., Special, none.
 Spacing: $3\frac{5}{8} \times 2\frac{7}{16}$ in. Knob Hub: Brass for $\frac{5}{16} \times \frac{3}{8}$ in. Swivel Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 8, Special Strikes page 340.
 Bolts: Cast Bronze, Latch Construction: Type CL, page 239. Dead bolt has 1 in. throw.
 Cylinder: 1 No. 11, 6 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 $\frac{1}{2}$.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: The latch bolt can be operated by knobs from either side except when outside knob is set by stops in face of lock, then by key only from outside, and by knob from inside.
 In addition this lock has a dead bolt with 1 in. throw operated by key from outside and by turn knob from inside.
 Both Dead and Latch Bolt can be operated from outside by a continuous turn of key.

Illustrations One-quarter Size

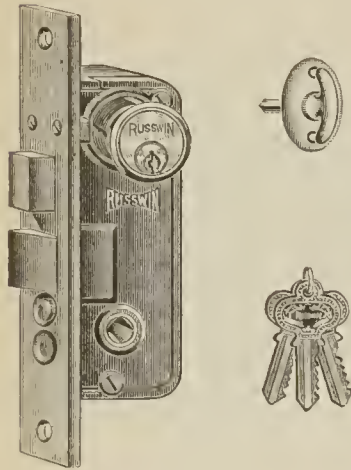
Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Knob Locks

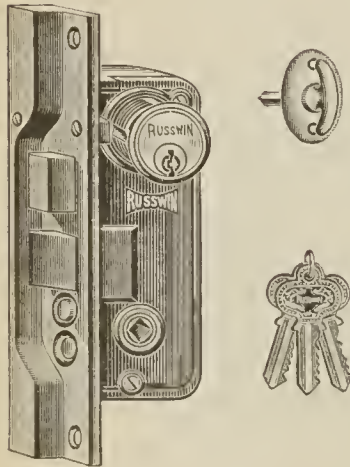
For French Doors with Narrow Stiles



Number
F1247

F1247

Case: $5\frac{3}{4} \times$ (Width of Case is 1 in. more than Backset) $\times \frac{3}{4}$ in., Cast Iron, Japanned.
 Front: $8 \times 1\frac{1}{4}$ in., Flat, Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backsets: 1, $1\frac{1}{4}$ and $1\frac{1}{2}$ in. Specify backset desired.
 Spacing: $3\frac{5}{8}$ in. Knob Hub: Brass, for $\frac{5}{16} \times \frac{3}{8}$ in. Swivel Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center. Wrought Brass or Bronze, Type No. 8, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type F, page 239.
 Cylinder: 1 No. 1, 6 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 $\frac{1}{2}$.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
 Operation: Latch bolt can be operated by lever handle from either side, except when outside handle is set by stops in face of lock. When outside handle is set latch bolt can be operated by key only from outside and by lever handle from inside. This lock has the French Spring type of latch construction which gives a strong action on the hub and an easy action on the latch, making it especially adapted for use in connection with lever handles.
 In addition this lock has a dead bolt operated by key from outside and by turn knob from inside. A continuous turn of key will withdraw both dead and latch bolt.



Number
F1277

F1247 $\frac{1}{2}$

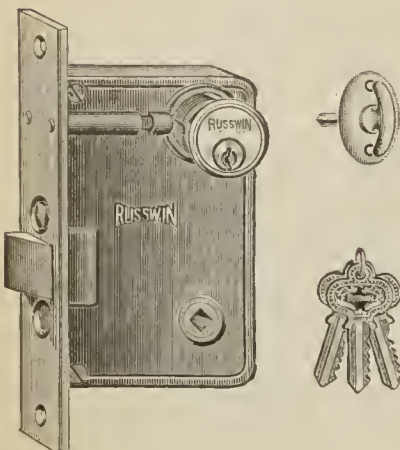
Description: Same as F1247, except does not have dead bolt.
 Strike: Wrought Brass or Bronze, Type No. 4.
 Operation: Same as latch bolt operation of F1247.

F1277 Rabbeted

Description: Same as F1247, except has Rabbeted Front $8 \times 1\frac{1}{4} \times \frac{1}{2}$ in.
 Backsets: 1, $1\frac{1}{4}$ and $1\frac{1}{2}$ in., Short Side, $1\frac{1}{2}$, $1\frac{3}{4}$ and 2 in., Long Side.
 Strike: Cast Brass or Bronze, Type No. 10B.
 Operation: Same as F1247.

F1277 $\frac{1}{2}$ Rabbeted

Description: Same as F1277, except does not have dead bolt.
 Strike: Cast Brass or Bronze, Type No. 10C.
 Operation: Same as latch bolt operation of F1247.



Number
F1238 $\frac{1}{2}$

F1238

Case: $5\frac{3}{4} \times 3\frac{3}{4} \times \frac{3}{4}$ in., Cast Iron, Japanned.
 Front: $8 \times 1\frac{1}{4}$ in., Flat, Cast Brass or Bronze.
 Hand: Not reversible. Specify hand, page 236.
 Backset: Regular, $2\frac{3}{4}$ in., Special, $1\frac{3}{4}$, 2, $2\frac{1}{4}$, $2\frac{1}{2}$, 3, $3\frac{1}{2}$ and 4 in., page 240.
 Width of Case is 1 in. more than Backset.
 Spacing: $3\frac{5}{8}$ in. Knob Hub: Brass for $\frac{5}{16} \times \frac{3}{8}$ in. Swivel Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 8, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type F, page 239.
 Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 $\frac{1}{2}$.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
 Operation: Latch bolt can be operated by lever handles from either side, except when outside lever handle is set by stops in face of lock.
 When outside handle is set latch bolt can be operated by key only from outside and by handle from inside. This lock has the French Spring type of latch construction, which gives a strong action on the hub and an easy action on the latch, making it especially adapted for use in connection with lever handles.
 In addition this lock has a dead bolt operated by key from outside and by turn knob from inside. A continuous turn of key or turn knob will withdraw dead and latch bolt.

F1238 $\frac{1}{2}$

Description: Same as F1238 without dead bolt.
 Strike: $1\frac{1}{4}$ in. Lip to Center. Wrought Brass or Bronze, Type No. 4.
 Operation: Same as latch bolt operation of F1238.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.

Specify if reverse bevel, and thickness of door.

Specify Number and Finish.

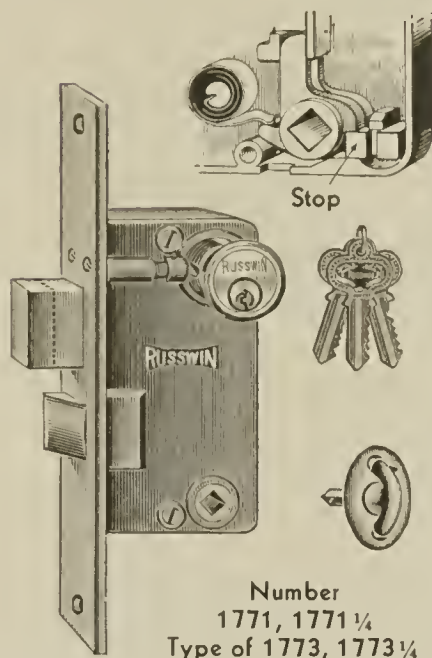
Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Knob Locks

(Double Throw)

For French Doors with Narrow Stiles



Number
1771, 1771 1/4
Type of 1773, 1773 1/4

1771—1771 1/4

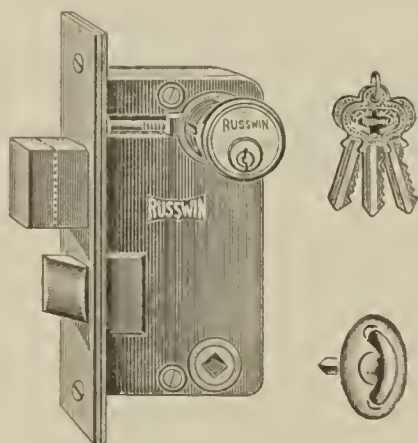
- Case: Japanned Iron, 140 x 76 x 19 mm. (5 1/2 x 3 x 3/4 in.).
 Front: Cast Bronze, 255 x 25 mm. (10 x 1 in.).
 Hand: Reversible—To change hand of lock, remove cap and reverse latch bolt and stop.
 Backset: Regular, 55 mm. (2 1/8 in.), Special, 45 mm. (1 3/4 in.), 70 mm. (2 3/4 in.).
 Spacing: Knob to Cylinder, 108 mm. (4 1/4 in.); Knob to Turn Knob, 100 mm. (4 in.).
 Strike: Lip to center, 32 mm. (1 1/4 in.). Type No. 8. Special Strikes, see page 340.
 Bolts: Cast Bronze, Easy Spring Latch Bolt. French Spring on the Hub. Double Throw Dead Bolt. Hub for 3/8 in. Swivel Spindle.
 Cylinders: 1 Cylinder No. 8, 6 Pins, changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
 Operation: 1771, 1771 1/4. Latch by key from outside, by knob or lever handle inside. Outside knob or lever always rigid. Dead bolt by key from outside, by turn knob inside. Can be made so that latch bolt can be operated by knob or lever from either side at all times, by taking off cap and removing the stop.

1773—1773 1/4

- Description: Same as 1771 and 1771 1/4, but with Two Cylinders and no Turn Knob.
 Operation: Same as 1771, 1771 1/4, but dead bolt is operated by key from both sides of door. Can be made so that knobs or levers are rigid and inoperative from both sides at all times, by taking off cap and reversing the stop so that it will lock both halves of hub.

Number	Front	Cylinder	Turn Knob	Hub
1771	Flat	One	No. 066 1/2	3/8
1771 1/4	Flat	One	No. 066 1/2	3/8
1773	Flat	Two	None	3/8
1773 1/4	Flat	Two	None	3/8

1754—1754 1/4



Number
1754, 1754 1/4
1756, 1756 1/4

- Case: Japanned Iron, 140 x 76 x 19 mm. (5 1/2 x 3 x 3/4 in.).
 Front: Cast Bronze 187 x 25 mm. (7 3/8 x 1 in.) Armoured Front.
 Hand: Reversible.—To change hand of lock, remove cap and reverse latch bolt and stop.
 Backset: Regular, 55 mm. (2 1/8 in.), Special, 45 mm. (1 3/4 in.), 70 mm. (2 3/4 in.).
 Spacing: Knob to Cylinder, 108 mm. (4 1/4 in.); Knob to Turn Knob 100 mm. (4 in.).
 Strike: Lip to center, 32 mm. (1 1/4 in.). Type No. 8. Special Strikes, see page 340.
 Bolts: Cast Bronze, Easy Spring Latch Bolt, French Spring on Hub, Double Throw Dead Bolt. Hub for 3/8 in. Swivel Spindle.
 Cylinders: 1 Cylinder No. 8, 6 Pins, changes practically unlimited. Cylinder Screws are concealed by the armoured front.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
 Operation: 1754, 1754 1/4 Latch by key from outside by knob or lever handle inside. Outside knob or lever always rigid. Dead bolt by key from outside, by turn knob inside. Can be made so that latch bolt can be operated from both sides at all times, by taking off cap and removing the stop.

1756—1756 1/4

- Description: Same as 1754, 1754 1/4, but with Two Cylinders and no Turn Knob.
 Operation: Same as 1754, 1754 1/4, but dead bolt is operated by key from both sides of door. Can be made so that knobs or levers are rigid and inoperative from both sides at all times, by taking off cap and reversing the stop so that it will lock both halves of hub.

Number	Front	Cylinder	Turn Knob	Hub
1754	Flat	One	No. 066 1/2	3/8
1754 1/4	Flat	One	No. 066 1/2	3/8
1756	Flat	Two	None	3/8
1756 1/4	Flat	Two	None	3/8

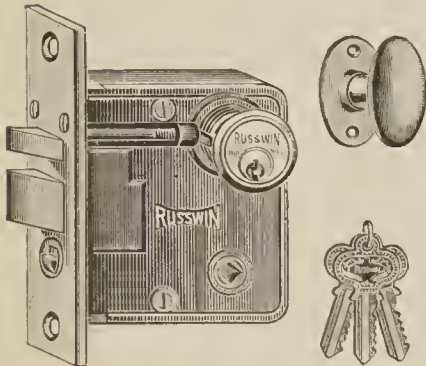
Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Mortise Night Latches

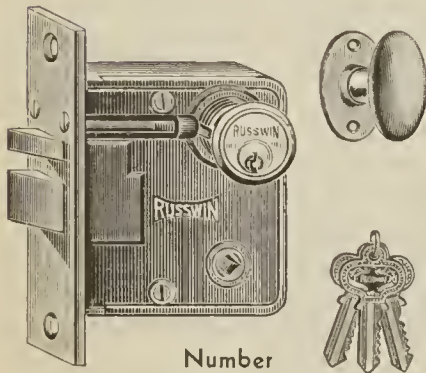
1454



Number
1454
1454½

- Case:** 4½ x 3¾ x ¾ in., Cast Iron, Japanned.
Front: 6 x 1½ in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2¾ in., Special, none.
Spacing: Turn Knob Hub: Brass, Compensating, for ⅝ in. Spindle.
Strike: 1¼ in. Lip to Center, Wrought Brass or Bronze, Type No. 4B, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
Turn Knob: 1 No. 1294.
Cylinder: 1 No. 1, 6 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: Latch bolt, which has a ⅝ in. throw, can be operated by key only from outside, and by turn knob only from inside. Can be held retracted by stop in face of latch.
 Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike.
 Furnished regularly with Oval Knob as illustrated. Can be furnished with 1¾ in. Knob No. 21176 with Spindle No. 40. When ordering, suffix letter "P" to number of lock.

1454½



Number
H1454

- Description:** Same as 1454, except has two cylinders and no turn knob.
Operation: Same as 1454, except latch bolt is operated by key from inside.

H1454

- Description:** Same as 1454.
Operation: Latch bolt, which has a ⅝ in. throw, can be operated by key only from outside, and by turn knob only from inside. Both latch bolt and auxiliary latch can be held retracted through cylinder mechanism.
 Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike.

1429



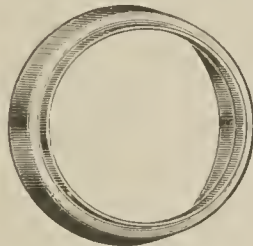
Number
1429

- Case:** 5 x 2¾ x ¾ in., Cast Iron, Japanned.
Front: 8 x 1¼ in., Flat, Beveled ⅛ in. on 2 in., Cast Brass or Bronze.
Hand: Not reversible, specify hand, page 236.
Backset: Regular, 1¾ in., Special, none.
Spacing: 2⅜ in., Knob Hub; Bronze, for ⅜ x ⅝ in. Swivel Spindle.
Strike: 1⅜ in. Lip to Center, Cast Brass or Bronze, Type 4B, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type F, page 239.
Cylinders: 1 No. 1 and 1 No. 1L, Changes practically unlimited.
Keys: 3 Liberty Silver, Class 852, page 346.
Master-Keying: Can be master-keyed as desired with other Russwin Cylinder Locks, page 355.
Operation: Latch bolt can be operated by key from outside and lever handle inside at all times. Outside lever always rigid. Turn of key in inside Cylinder No. 1L (which has the lazy cam) holds the latch bolt and auxiliary latch retracted.
 Auxiliary latch automatically deadlocks and safeguards the latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike.

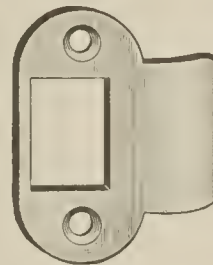
Tubular Locks and Latches

RUSSWIN BALL-BEARING CYLINDERS

Pages 114 Rev. to 119 Rev. illustrate Trim to be used with these Locks and Latches



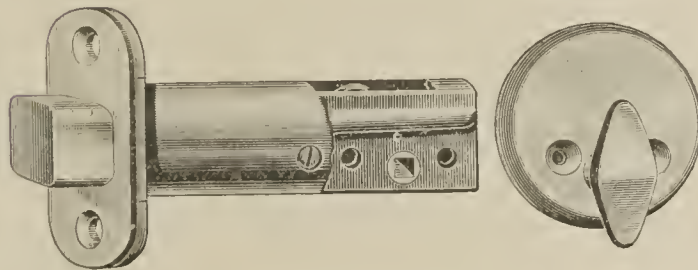
Two Cylinder Rings are furnished with each Lock or Latch for the various thickness of Doors.



Strike for
Nos. 1296, 1496

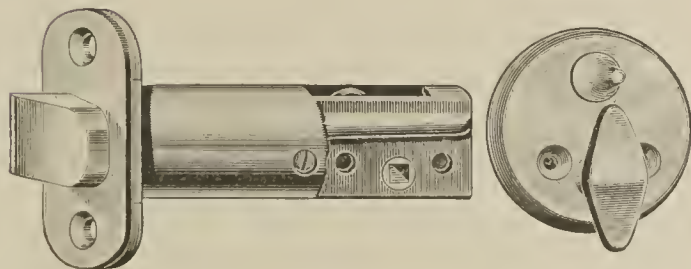


Strike for
No. 1200-1200 1/4-1200 1/2



No. 1200
Type of 1200 1/4, 1200 1/2

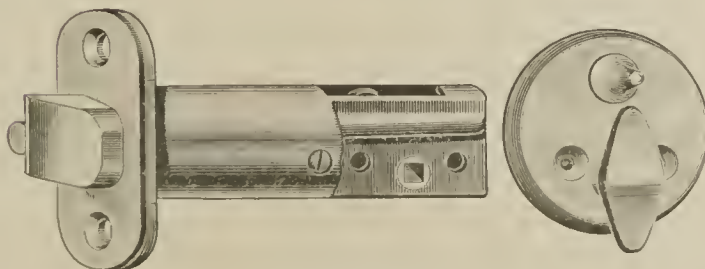
1200
Case: 1 x 3 1/16 in., Die Cast, Bore 1 1/16 in. Dia. Hole.
Front: 2 1/4 x 1 1/8 in., Wrought Brass or Bronze.
Hand: Reversible.
Backset: 2 3/8 in. for Doors 1 5/16 to 2 in.
Strikes: Wrought Brass or Bronze.
Bolt: Forged Brass.
Cylinder: 1, No. 1296, 5 Pins, Changes practically unlimited.
Turn Knobs: Wrought Brass or Bronze, Plate 1 7/8 in. Diameter, Knob 1 5/16 in.
Keys: 3 Liberty Silver, Class 981.
Master-keying: Can be masterkeyed as desired with other RUSSWIN Cylinder Locks, Page 355.
Operation: By Key from outside, turn knob inside.



No. 1296

1200 1/4
Description: Same as 1200 without Turn Knob.
Operation: By Key from outside only.

1200 1/2
Description: Same as 1200 but with Two Cylinders.
Operation: By Key from either side.



No. 1496

1296
Description: Same as 1200.
Hand: Not Reversible, specify hand.
Strike: 1 1/8 in. Lip to Center, Wrought Brass or Bronze.
Operation: By key from outside, turn knob inside. Stop can be set to hold latch bolt retracted.

1496
Description: Same as 1200, but with Auxiliary Latch.
Hand: Not Reversible, specify hand.
Strike: 1 1/8 in. Lip to Center, Wrought Brass or Bronze.
Operation: By key from outside, by turn knob inside. Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. Stop can be set to hold latch bolt retracted.

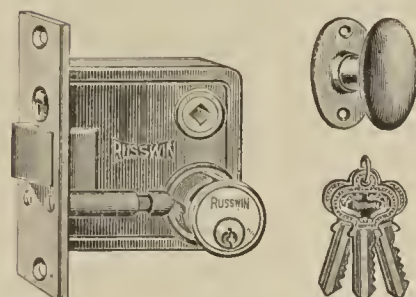
Illustration One-Half Size

Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Mortise Night Latches



Number
1294
1294½
1297†
1297½†

1294
Case: 3¼ x 3½ x ¾ in., Cast Iron, Japanned.
Front: 5⅛ x 1⅛ in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2¾ in., Special, 2¼, 2½, 3, 3½ and 6 in.
 Width of Case is ¾ in. more than Backset.
Spacing: Turn Knob Hub: Brass, Compensating, for ⅝ in. Spindle.
Strike: 1¼ in. Lip to Center, Wrought Brass or Bronze, Type No. 4B, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type EC, page 239.
Turn Knob: 1 No. 1294.
Cylinders: 1 No. 1, 6 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: Latch bolt can be operated by key from outside, and by turn knob from inside. Stop in face of lock can be set to hold latch bolt retracted.
 Furnished regularly with Oval Knob as illustrated. Can be furnished with 1¾ inch Knob No. 21176 with Spindle No. 40.
 When ordering suffix letter "P" to number of lock.

1294½

Description: Same as 1294, except has Two Cylinders and no Turn Knob.
Operation: Same as 1294, except latch bolt is operated by key from either side.

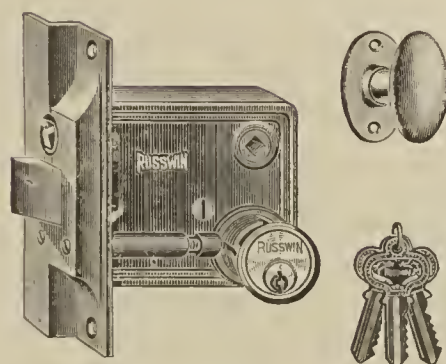
1297†

Description: Same as 1294, except has Case, 3¼ x 3½ x ⅝ in. and Front, 5⅛ x ⅞ in. for narrow doors. No Special Backsets. Hub is not compensating.
Strike: 1¼ in. Lip to Center, Cast Brass or Bronze, Type No. 4, Special Strikes, page 340.
Operation: Same as 1294.

1297½†

Description: Same as 1297, except has Two Cylinders and no Turn Knob.
Operation: Same as 1297, except latch bolt is operated by key from either side.

1298 Rabbeted



Number
1298
1298½

Case: 3¼ x 3½ x ¾ in., Cast Iron, Japanned.
Front: 5¾ x 1⅞ x ½ in., Rabbeted, Cast Brass or Bronze.
Hand: Not reversible, specify hand, page 236.
Backset: Regular, 2¾ in. Short Side, 3¼ in. Long Side, Special, none.
Spacing: Turn Knob Hub: Brass for ⅝ in. Spindle.
Strike: 1¼ in. Lip to Center, Cast Brass or Bronze, Type No. 4D, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type EC, page 239.
Turn Knob: 1 No. 1294.
Cylinders: 1 No. 1, 6 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: Latch bolt can be operated by key from outside, and by turn knob from inside. Stop in face of lock can be set to hold latch bolt retracted.

1298½ Rabbeted

Description: Same as 1298, except has Two Cylinders and no Turn Knob.
Operation: Same as 1298, except latch bolt is operated by key from either side.

Illustrations One-quarter Size

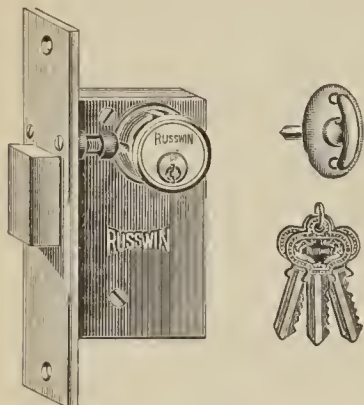
Specify Number and Finish.

†Specify thickness of door.

Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Dead Locks



Number
1207†*
1207½†*
1507*
1507½*

1207†*
Case: 4½ x 3¾ x 7⁄8 in., Cast Iron, Japanned.
Front: 6⁄8 x 1¼ in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2¾ in., Special, 1, 1½, 1¾, 2, 2¼, 2½, 3, 3¼, 3½, 3¾ and 4 in. Width of case is 1 in. more than backset.
Strike: No Lip, Cast Brass or Bronze, Type No. 5.
Bolts: Cast Bronze.
Cylinders: 1 No. 1, 6 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852, and 1 Turn Knob No. 066½.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: Dead bolt can be operated by key only from outside and turn knob only from inside.

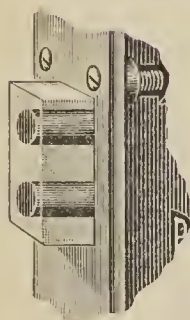
1207½†*
Description: Same as 1207, except has two cylinders.
Operation: Same as 1207, except bolt is operated by key from either side.

1507*
Description: Same as 1207, except has Hardened Steel Inserts in Bolt.
Operation: Same as 1207.

1507½*
Description: Same as 1207½ except has Hardened Steel Inserts in Bolt.
Operation: Same as 1207½.

*Furnished, when specified, with bolt having ¾ in. throw in all backsets, except 1 and 1½ in.

†When wanted for Hollow Metal Doors made to Standardized Template, specify Numbers 6007, 6007½. Case 5¾ x 3¾ x ¾ in., see page 258.



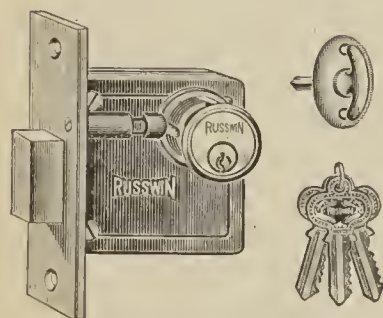
Illustrating Steel Pins
In Nos. 1505, 1505½, 1507, 1507½

1205†
Case: 3¼ x 3⁵⁄8 x ¾ in., Cast Iron, Japanned.
Front: 5½ x 1¼ in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2¾ in., Special, 1¼, 1½, 1¾, 2, 2¼, ‡2½, 3, 3½, 3¾, 4¼, 4½ and 7 in. Width of case is 7⁄8 in. more than backset.
Strike: No Lip, Cast Brass or Bronze, Type No. 5.
Bolts: Cast Bronze.
Cylinders: 1 No. 1, 6 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066½.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: Dead bolt can be operated by key only from outside and turn knob only from inside.

1205½†
Description: Same as 1205, except has two cylinders.
Operation: Same as 1205, except bolt is operated by key from either side.

1505†
Description: Same as 1205, except has Hardened Steel Inserts in Bolt.
Operation: Same as 1205.

1505½†
Description: Same as 1205½, except has Hardened Steel Inserts in Bolt.
Operation: Same as 1205½.



Number
1205†
1205½†
1505†
1505½†

Illustrations One-quarter Size

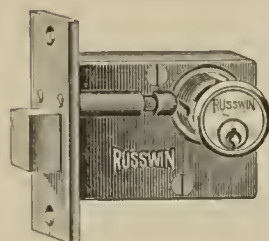
‡2½ in. Backset furnished, when so specified, with bolt having ¾ in. throw.

Specify Number and Finish.

Finishes described on pages 16 to 18.

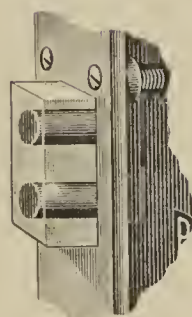
One in a box, with screws.

Cylinder Mortise Dead Locks



Number
1203*
1203½*
1203¾*
01203*
01203½*
1503*
1503½*

1203*
Case: 2½ x 3¾ x ¾ in., Cast Iron, Japanned.
Front: 4⅛ x 1⅛ in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2¾ in., Special, 1½, 1¾, 2 and 2½ in.
Width of Case is 1 in. more than Backset.
Strike: No Lip, Wrought Brass or Bronze, Type No. 5.
Bolts: Cast Bronze.
Cylinder: 1 No. 1, 6 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066½.
Master-Keyping: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: Dead bolt can be operated by key only from outside and turn knob only from inside.



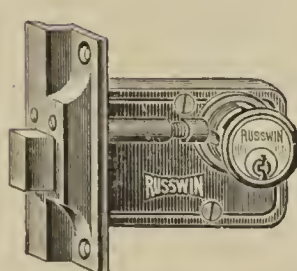
Illustrating Steel Pins
In Nos. 1503, 1503½

1203½*
Description: Same as 1203, except has two cylinders.
Operation: Same as 1203, except bolt is operated by key from either side.

1203¾*
Description: Same as 1203.
Operation: Same as 1203, except turn knob will retract the dead bolt but will not throw it.

01203*
Description: Same as 1203, except Front is 4⅛ x ⅞ in.
Backset: 2¾ in. only.
Operation: Same as 1203.

01203½*
Description: Same as 1203½, except Front is 4⅛ x ⅞ in.
Backset: 2¾ in. only.
Operation: Same as 1203½.



Number
1204
1204½

1204 Rabbeted
Description: Same as 1203, except has Rabbeted Front 4⅛ x 1¼ x ½ in.
Not reversible, specify hand.
Backset: Regular, 2¾ in. Short Side, 3¼ in. Long Side, Special, none.
Strike: Cast Brass or Bronze, Type No. 5A.
Operation: Same as 1203.

1204½ Rabbeted
Description: Same as 1204, except has two cylinders.
Operation: Same as 1203½.

1503*
Description: Same as 1203, except has Hardened Steel Inserts in Bolt.
Operation: Same as 1203.

1503½*
Description: Same as 1203½ except has Hardened Steel Inserts in Bolt.
Operation: Same as 1203½.

Illustrations One-quarter Size

*Furnished when specified, with Bolt having ¾ in. throw in all Backsets, except 1½ and 1¾ in.

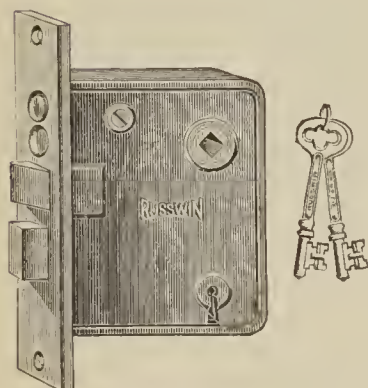
Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Bit Key Mortise Locks

For Front and Vestibule Doors



Number

0122
0123
7122

0122

Case: $4\frac{1}{2} \times 3\frac{3}{8} \times \frac{5}{8}$ in., Cast Iron, Japanned.
Front: $6\frac{1}{2} \times 1$ in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, $2\frac{1}{2}$ in., Special, none.
Spacing: $2\frac{5}{8}$ in. Knob Hub: Iron, for $\frac{5}{16}$ in. Swivel Spindle.
Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 6.
Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
Tumblers: 1, Changes: 24.
Keys: 2 Steel, Class No. 870 $\frac{3}{4}$, page 349.
Operation: Latch bolt can be operated by knobs from either side, except when outside knob is set by stops in face of lock; then by key only from outside, and by knob from inside.
In addition it has a dead bolt operated by key from either side. Both dead and latch bolts can be operated by a continuous turn of key from either side.

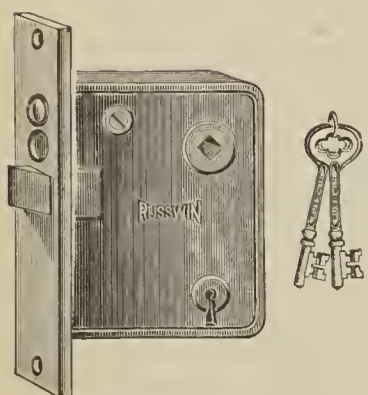
7122

Description: Same as 0122 except has Cast Iron Front, $6\frac{5}{16} \times 1$ in. and Wrought Steel Strike, Type No. 6.
Operation: Same as 0122.

0123

Description: Same as 0122 except has 3 Tumblers, 48 Changes, 2 Steel Keys, Class 871, page 349.
Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master-key for each and grand master-key for all, or 1 set of 300 all different.
Operation: Same as 0122.

0122 $\frac{1}{2}$



Number

0122 $\frac{1}{2}$
0123 $\frac{1}{2}$
7122 $\frac{1}{2}$

Case: $4\frac{1}{2} \times 3\frac{3}{8} \times \frac{5}{8}$ in., Cast Iron, Japanned.
Front: $6\frac{1}{2} \times 1$ in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, $2\frac{1}{2}$ in., Special, none.
Spacing: $2\frac{5}{8}$ in. Knob Hub: Iron, for $\frac{5}{16}$ in. Swivel Spindle.
Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 4.
Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
Tumblers: 1, Changes: 24.
Keys: 2 Steel, Class No. 870 $\frac{3}{4}$, page 349.
Operation: Latch bolt can be operated by knobs from either side except when outside knob is set by stops in face of lock; then by key from outside and by knob from inside.

7122 $\frac{1}{2}$

Description: Same as 0122 $\frac{1}{2}$ except has Cast Iron Front, $6\frac{5}{16} \times 1$ in. and Wrought Steel Strike, Type No. 4.
Operation: Same as 0122 $\frac{1}{2}$.

0123 $\frac{1}{2}$

Description: Same as 0122 $\frac{1}{2}$ except has 3 tumblers, 48 Changes, 2 Steel Keys, Class No. 871, page 349.
Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master-key for each and grand master-key for all, or 1 set of 300 all different.
Operation: Same as 0122 $\frac{1}{2}$.

Illustrations One-quarter Size

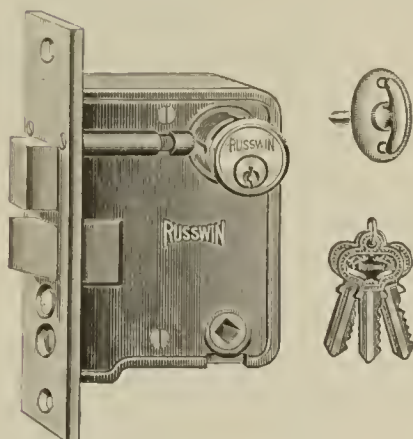
Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Locks

For Entrance Doors
Handle Outside, Knob Inside



Number
1213
1213 1/2

1213

- Case: 5 1/4 x 3 7/8 x 3/4 in., Cast Iron, Japanned.
Front: 7 3/8 x 1 1/8 in. Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2 7/8 in., Special, 2, 2 1/4, 2 1/2, 3 1/4, 3 1/2 and 4 in.
Width of Case is 1 in. more than Backset.
Spacing: 4 1/4 x 3 3/8 in. Knob Hub: Brass for 5/16 in. Spindle.
Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 8, Special Strikes page 340.
Bolts: Cast Bronze, Latch Construction: Type CSL, on regular Backset, page 239. Special Backsets have special construction.
Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: Latch bolt can be operated by thumb piece from outside, except when set by stops in face of lock, and by knob from inside at all times. When thumb piece is set, latch can be operated by key only from outside and by knob from inside. In addition it has a dead bolt operated by turn knob from inside, and by key only from outside. A continuous turn of key on outside will withdraw both dead and latch bolts.

1213 1/2 Rabbeted

- Description: Same as 1213, except has Rabbeted Front 7 1/2 x 1 1/2 x 1/2 in.
Hand: Not reversible, specify hand, page 236.
Backset: Regular 2 7/8 in. Short Side, 3 3/8 in. Long Side.
Special 2 1/4 in. Short Side, 2 3/4 in. Long Side.
Width of Case is 1 in. more than short side Backset.
Strike: 1 1/4 in. Lip to Center, Cast Brass or Bronze, Type No. 10.
Bolts: Cast Bronze, special construction.
Operation: Same as 1213.



Number
1223

1223

- Case: 5 1/4 x 3 7/8 x 3/4 in., Cast Iron, Japanned.
Front: 7 3/8 x 1 1/8 in. Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2 7/8 in., Special, 2, 2 1/4, 2 1/2, 3 1/4, 3 1/2 and 4 in.
Width of Case is 1 in. more than Backset.
Spacing: 4 1/4 in. Outside. Knob Hub: Brass for 5/16 in. Spindle.
Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type CSL, on regular Backset, page 239. Special Backsets have special construction.
Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: Latch bolt can be operated by thumb piece from outside, except when set by stops in face of lock, and by knob from inside at all times. When thumb piece is set, latch bolt can be operated by key only from outside, and by knob inside.

Illustrations One-quarter Size

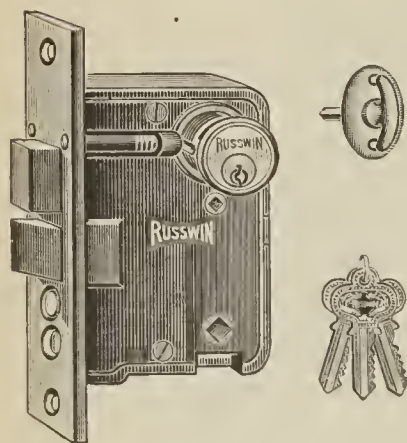
Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder and Bit Key Mortise Locks

For Entrance Doors
Handle Outside, Knob Inside

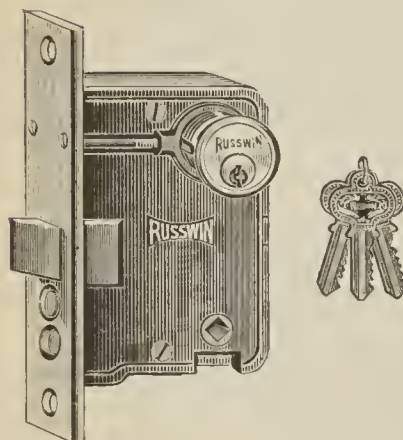


Number
11213

11213

Case: $5\frac{1}{4} \times 3\frac{1}{2} \times \frac{3}{4}$ in., Cast Iron, Japanned.
 Front: $7\frac{3}{8} \times 1$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{2}$ in., Special, none.
 Spacing: $4\frac{1}{4}$ in. outside, $\times 2\frac{7}{16}$ in. inside. Knob Hub: Brass for $\frac{5}{16}$ in. Spindle. Turn Knob Hub Brass for $\frac{3}{16}$ in. Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 8, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type CSL, page 239.
 Cylinder: 1 No. 17, 5 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 $\frac{1}{2}$.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355. When master-keyed specify thickness of door.
 Operation: Latch bolt can be operated by thumb piece from outside, except when set by stops in face of lock, and by knob from inside at all times. When thumb piece is set, latch can be operated by key only from outside and by knob from inside.

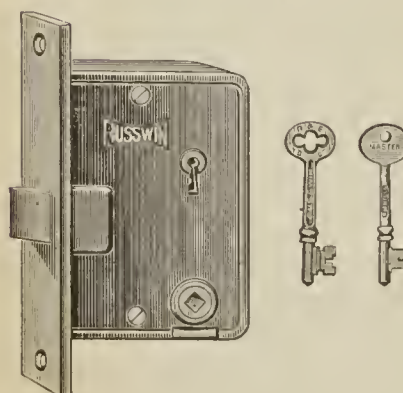
In addition it has a dead bolt operated by turn knob from inside, and by key only from outside. A continuous turn of key on outside will withdraw both dead and latch bolts.



Number
11223

11223

Case: $5\frac{1}{4} \times 3\frac{1}{2} \times \frac{3}{4}$ in., Cast Iron, Japanned.
 Front: $7\frac{3}{8} \times 1$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{2}$ in., Special, none.
 Spacing: $4\frac{1}{4}$ in. outside. Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type CSL, page 239.
 Cylinder: 1 No. 17, 5 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355. When master-keyed specify thickness of door.
 Operation: Latch bolt can be operated by thumb piece from outside, except when set by stops in face of lock, and by knob from inside at all times. When thumb piece is set, latch bolt can be operated by key only from outside, and by knob inside.



Number
345 $\frac{3}{4}$

345 $\frac{3}{4}$

Case: $4\frac{3}{4} \times 3\frac{1}{2} \times \frac{5}{8}$ in., Cast Iron, Japanned.
 Front: $6\frac{3}{4} \times 1$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{2}$ in., Special, none.
 Spacing: $2\frac{1}{2}$ and $3\frac{3}{16}$ in. Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type CT, page 239.
 Tumblers: 3 Steel, Changes: 48.
 Keys: 1 Steel, Class No. 871, page 349.
 Master-Keying: Can be master-keyed in 3 sets of 100 each or less, all different, with master key for each and grand-master key for all, or 1 set of 300 all different.
 Operation: Latch bolt can be operated by knob from inside and by thumb piece from outside, except when latch bolt is deadlocked by key from either side. Then neither knob nor thumb piece are operative until released by key.

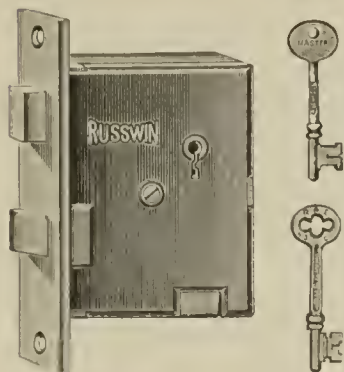
Illustrations One-quarter Size

Specify if reverse bevel and thickness of door.
 Finishes described on pages 16 to 18.

One in a box, with screws.

Mortise Locks and Latches

For Entrance Door Handles



Number
348 3/4

348 3/4

Case: 4 1/2 x 3 3/4 x 5/8 in., Cast Iron, Japanned.
Front: 6 3/8 x 1 1/16 in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2 3/4 in., Special, none.
Strike: 1 1/4 in. Lip to Center, Cast Brass or Bronze, Type No. 8, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type SC, page 239.
Tumblers: 3, Changes: 48, not master-keyed.
Keys: 2 Steel, Class No. 871, page 349.
Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master key for each and grand master key for all, or 1 set of 300 all different.
Operation: Latch bolt can be operated by thumb piece from either side at all times. In addition it has a dead bolt operated by key from either side.



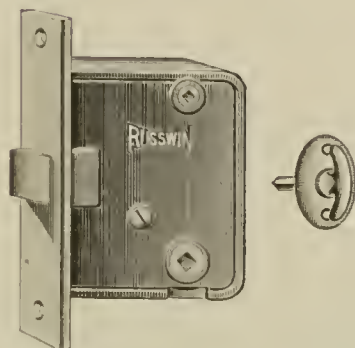
Number
139
139 1/2
7139

139

Case: 4 1/2 x 3 1/2 x 1 1/16 in., Cast Iron, Japanned.
Front: 6 1/2 x 1 1/16 in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2 1/2 in., Special, none.
Strike: 1 3/8 in. Lip to Center, Wrought Brass or Bronze, Type No. 8, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type SC, page 239.
Tumblers: 3, Changes: 60.
Keys: 2 Steel, Class No. 540, page 351.
Operation: Latch bolt can be operated by thumb piece from either side at all times. In addition it has a dead bolt operated by key from either side.

139 1/2 Rabbeted

Description: Same as 139, except has Rabbeted Front 6 1/2 x 1 3/8 x 1/2 in.
Hand: Not reversible, specify hand, page 236.
Backset: 2 1/2 in. Short Side, 3 in. Long Side.
Strike: 1 in. Lip to Center, Cast Brass or Bronze, Type No. 10.
Operation: Same as 139.



Number
347

7139

Description: Same as 139, except has Cast Iron Front, Wrought Steel Strike, Type No. 8.
Operation: Same as 139.

347

Case: 4 1/4 x 3 1/2 x 5/8 in., Cast Iron, Japanned.
Front: 6 x 1 in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2 1/2 in., Special, none.
Spacing: 3 in. Knob Hub: Brass, for 5/16 in. Spindle. Turn Knob Hub: 3/16 in.
Strike: 1 1/4 in. Lip to Center, Cast Brass or Bronze, Type No. 4, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type CT, page 239.
Keys: None, 1 Turn Knob, No. 066 1/2.
Operation: Latch bolt can be operated at all times by knob from inside and by thumb piece from outside, except when set by turn knob from inside.



Number
0047 1/2
7047 1/2

0047 1/2

Case: 2 1/4 x 3 5/8 x 5/8 in., Cast Iron, Japanned.
Front: 4 1/4 x 1 in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2 5/8 in., Special, none.
Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type SC, page 239.
Operation: Latch bolt can be operated by thumb piece from either side.

7047 1/2

Description: Same as 0047 1/2, except has Cast Iron Front.
Operation: Same as 0047 1/2.

Illustrations One-quarter Size

Specify Number and Finish.

Finishes described on pages 16 to 18.

Six in a box, with screws.

Cylinder Mortise Locks

For Use with Entrance Door Handles

9118

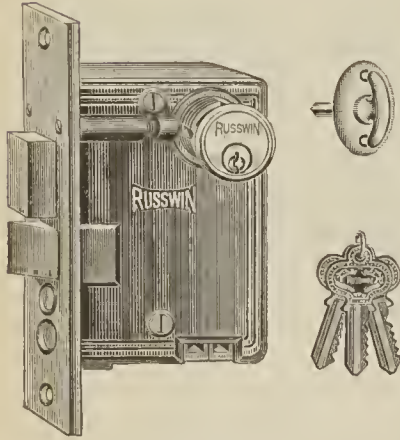
- Case: $5\frac{1}{4} \times 3\frac{3}{4} \times \frac{3}{4}$ in., Cast Iron, Japanned.
 Front: $7\frac{1}{2} \times 1\frac{1}{4}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{3}{4}$ in., Special, $2\frac{1}{4}$ and $2\frac{1}{2}$ in.
 Width of Case is 1 in. more than Backset.
 Spacing: $4\frac{1}{4}$ in.
 Strike: $1\frac{1}{2}$ in. Lip to Center, Cast Brass or Bronze, Type No. 8, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type SC, page 239.
 Cylinder: 2 No. 8, 6 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: Latch bolt can be operated by thumb piece from either side, except when outside thumb piece is set by stops in face of lock. When outside thumb piece is set, latch bolt can be operated by key only from outside, and thumb piece inside. In addition it has a dead bolt operated by key from both sides. A continuous turn of key will withdraw both dead and latch bolts from either side.

9119

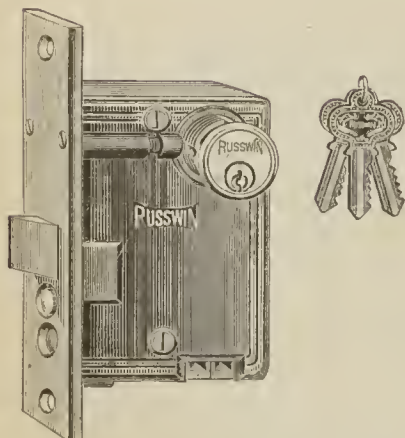
- Description: Same as 9118, except has 1 Cylinder for outside and Turn Knob $066\frac{1}{2}$ for inside.
 Spacing: $4\frac{1}{4}$ in. outside, 4 in. inside.
 Operation: Same as 9118.

9128

- Case: $5\frac{1}{4} \times 3\frac{3}{4} \times \frac{3}{4}$ in., Cast Iron, Japanned.
 Front: $7\frac{1}{2} \times 1\frac{1}{4}$ in. Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{3}{4}$ in., Special, $2\frac{1}{4}$ and $2\frac{1}{2}$ in.
 Width of Case is 1 in. more than Backset.
 Spacing: $4\frac{1}{4}$ in.
 Strike: $1\frac{1}{2}$ in. Lip to Center, Cast Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type SC, page 239.
 Cylinder: 1 No. 8, 6 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: Latch bolt can be operated by thumb piece from either side, except when outside thumb piece is set by stops in face of lock, then by key outside and thumb piece inside.



Number
9118
9119



Number
9128

Illustrations One-quarter Size

Specify Number and Finish.

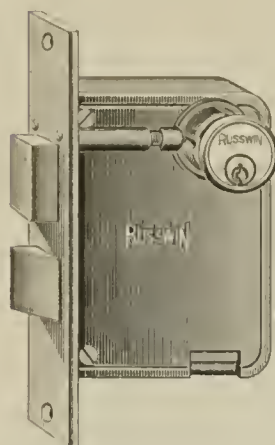
Specify thickness of door.
Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Locks

For Use with Entrance Door Handles

For Store Doors, etc.



Number
9132



9132
Case: $5\frac{1}{8} \times 3\frac{3}{4} \times 1$ in., Cast Iron, Japanned.
Front: $7\frac{3}{4} \times 1\frac{3}{8}$ in. Flat, Beveled $\frac{1}{8}$ in. on 2 in. Cast Brass or Bronze.
Hand: Not reversible, specify hand, page 236.
Backset: Regular, $2\frac{3}{4}$ in., Special, $2\frac{1}{2}$ and $3\frac{1}{4}$ in.
Width of Case is 1 in. more than Backset.
Spacing: $4\frac{1}{4}$ in.
Strike: $1\frac{3}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 8, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type SC, page 239.
Cylinder: 2 No. 8, 6 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: Latch bolt can be operated by thumb piece from either side at all times. In addition it has a dead bolt operated by key from either side.



Number
9098*
9098 $\frac{1}{2}$



9098*
Case: $5 \times 3\frac{3}{4} \times \frac{3}{4}$ in., Cast Iron, Japanned.
Front: $7\frac{1}{8} \times 1\frac{1}{16}$ in. Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, $2\frac{3}{4}$ in., Special, $2\frac{1}{2}$ and $3\frac{1}{2}$ in.
Width of Case is 1 in. more than Backset.
Spacing: $4\frac{1}{4}$ in.
Strike: $1\frac{1}{2}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 8, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type SC, page 239.
Cylinder: 2 No. 8, 6 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
Operation: Latch bolt can be operated by thumb piece from either side at all times. In addition it has a dead bolt operated by key from either side.

* When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6098, see page 258.

9098 $\frac{1}{2}$ Rabbeted

Description: Same as 9098, except has Rabbeted Front, $7\frac{1}{8} \times 1\frac{3}{8} \times \frac{1}{2}$ in.
Hand: Not reversible, specify hand, page 236.
Backset: Regular, $2\frac{3}{4}$ in. Short Side, $3\frac{1}{4}$ in. Long Side, Special, $2\frac{1}{2}$ in. Short Side, 3 in. Long Side.
Width of Case is 1 in. more than Short Side Backset.
Strike: $1\frac{1}{2}$ in. Lip to Center, Cast Brass or Bronze, Type No. 10, page 339.
Operation: Same as 9098.

For Entrance Doors to Apartment Houses, Schools and Public Buildings

9152 $\frac{1}{2}$ M



Number
9152 $\frac{1}{2}$ M



Case: $5\frac{1}{8} \times 3\frac{3}{4} \times \frac{3}{4}$ in., Cast Iron, Japanned.
Front: $7\frac{3}{4} \times 1\frac{1}{4}$ in. Flat, Beveled $\frac{1}{4}$ in. on 2 in., Cast Brass or Bronze.
Hand: Not reversible. Specify hand, page 236.
Backset: Regular, $2\frac{3}{4}$ in., Special, $3\frac{1}{2}$ in.
Width of Case is 1 in. more than Backset.
Strike: $1\frac{1}{2}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 4B, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type SC, page 239.
Cylinder: 2, No. 8 M x 8, 6 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
Operation: Latch bolt can be operated by thumb piece from either side, except when outside thumb piece is set by Master-key through the inside cylinder. When outside thumb piece is set, latch bolt can be operated by key only from outside and thumb piece inside. It has a swinging auxiliary latch with an easy action which automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike.
The regular Change or Master-key will operate outside cylinder, but only the Master-key will operate inside cylinder unless otherwise specified.

Illustrations One-quarter Size

Specify Number and Finish.

Specify thickness of door.
Finishes described on pages 16 to 18.

One in a box, with screws.

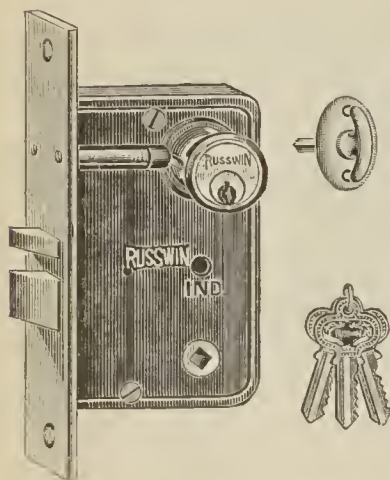
Cylinder Mortise Hotel Locks

Patented

1446EM

- Case: 5 $\frac{3}{8}$ x 3 $\frac{1}{2}$ x 1 in., Cast Iron, Japanned.
 Front: 8 x 1 $\frac{1}{4}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 $\frac{1}{2}$ in., Special, none.
 Spacing: 3 $\frac{5}{8}$ in. Knob Hub: Brass, for $\frac{5}{16}$ x $\frac{5}{16}$ in. Swivel Spindle.
 Strike: 1 $\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 4B, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Cylinder: 1 No. 1EM and 1 No. 1, 6 Pins each, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed as desired with other Russwin Cylinder Locks, page 355.

Operation: When door is closed it is automatically deadlocked, and lock can be operated by key only from outside and by knob from inside. Outside knob is rigid at all times. Auxiliary latch automatically deadlocks and safeguards the latch bolt, preventing it from being retracted by any instrument inserted between the face of the lock and strike. When locked by key from inside, all keys are made inoperative from the outside except the Emergency. When thus locked, all keys except the emergency key are free to revolve without engaging any part of the locking mechanism, indicating that the room is occupied. This feature eliminates strain of any kind on the lock and prevents the twisting and breaking of keys. Can also be furnished with Indicator "B" if desired, page 241. The latch cannot be deadlocked when door is open, thus preventing any damage to the lock when latch bolt comes in contact with strike. When not locked by key on inside, the lock is subject to Guest's, Maid's Master, Grand-Master, Display and Emergency keys.



Number
1446EM
1447EM

1447EM

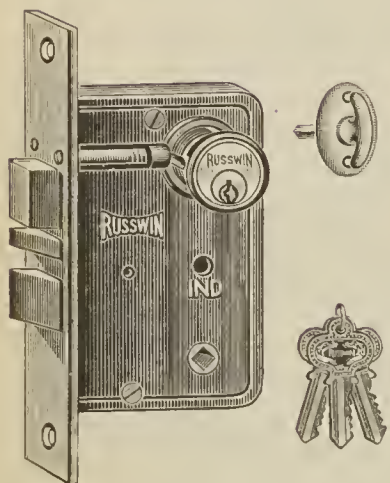
Description: Same as above except has Turn Knob in place of inside cylinder.

Operation: Same as above, except Turn Knob performs the function of the inside cylinder.

1448EM

- Case: 5 $\frac{3}{8}$ x 3 $\frac{1}{2}$ x 1 in., Cast Iron, Japanned.
 Front: 8 x 1 $\frac{1}{4}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 $\frac{1}{2}$ in., Special, none.
 Spacing: 3 $\frac{5}{8}$ in., Knob Hub: Brass, for $\frac{5}{16}$ x $\frac{5}{16}$ in. Swivel Spindle.
 Strike: 1 $\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 8, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Cylinder: 1 No. 1 EM and 1 No. 1, 6 Pins each, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed as desired with other Russwin Cylinder Locks, page 355.

Operation: When door is closed it is automatically deadlocked, and lock can be operated by key only from outside and by knob from inside. Outside knob is rigid at all times. Auxiliary latch automatically deadlocks and safeguards the latch bolt, preventing it from being retracted by any instrument inserted between the face of lock and strike. When locked by key from inside, all keys are made inoperative from the outside except the Emergency. When thus locked, all keys except the emergency key are free to revolve without engaging any part of the locking mechanism, indicating that the room is occupied. This feature eliminates strain of any kind on the lock and prevents the twisting and breaking of keys. In addition, it has a dead bolt operated by cylinder on the inside and by the emergency keyed cylinder on the outside. Can also be furnished with Indicator "B" if desired, page 241. When not deadlocked, the lock is subject to Guest's, Maid's Master, Grand Master, Display and Emergency keys.



Number
1448EM
1449EM

1449EM

Description: Same as 1448EM, except has Turn Knob in place of inside cylinder.

Operation: Same as 1448EM, except Turn Knob performs the function of the inside cylinder.

Illustrations One-quarter Size

Specify Number and Finish.

Specify thickness of door.

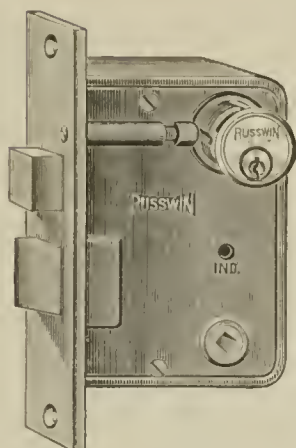
Finishes described on pages 16 to 18.

One in box, with screws.

Cylinder Mortise Hotel Locks

Patented

1232EM



Number
1232EM

Case: $5\frac{1}{2} \times 3\frac{3}{4} \times \frac{7}{8}$ in., Cast Iron, Japanned.
Front: $7\frac{5}{8} \times 1\frac{1}{4}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
Hand: Not reversible, specify hand, page 236.
Backset: Regular, $2\frac{3}{4}$ in., Special, none.
Spacing: $3\frac{5}{8}$ in. Knob Hub: Brass, for $\frac{5}{16}$ in. Spindle.
Strike: $1\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 8, Special Strikes, page 340.

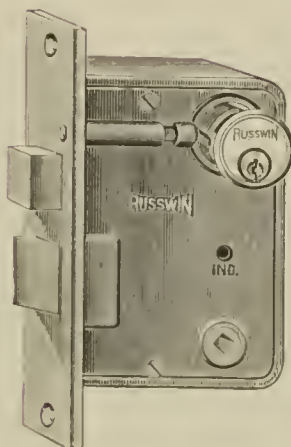
Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
Cylinder: 1 No. 1EM, 6 Pins, Changes practically unlimited, page 341.
Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 $\frac{1}{2}$.
Master-Keying: Can be master-keyed as desired with other Russwin Cylinder Locks, page 355.

Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by turn knob from inside, and key from outside. When deadlocked by turn knob from inside all keys except the emergency are made inoperative.

If Indicator is desired, specify Indicator "B," page 241. When dead bolt has been thrown by turn knob on inside, indicator shows room is occupied.

This lock can be furnished with Guest's, Maid's Master, Grand Master, Display and Emergency Keys.

1234 $\frac{1}{2}$ EM*



Number
1234 $\frac{1}{2}$ EM*

Case: $5\frac{3}{8} \times 3\frac{3}{4} \times 1\frac{5}{16}$ in., Cast Iron, Japanned.
Front: $8 \times 1\frac{1}{4}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
Hand: Not reversible, specify hand, page 236.
Backset: Regular, $2\frac{3}{4}$ in., Special, none.
Spacing: $3\frac{5}{8}$ in., Knob Hub: Brass, for $\frac{5}{16}$ in. Spindle.
Strike: $1\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 8, Special Strikes, page 340.

Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
Cylinders: 2, No. 1 EM x No. 1, 6 Pins each, Changes practically unlimited, page 341.

Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.

Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from both sides. When deadlocked by key from inside all keys except emergency key are made inoperative.

The dead bolt has a direct throw; the key turns in the direction in which it is desired to throw the bolt.

If Indicator is desired, specify Indicator "B," page 241. When bolt has been thrown from inside, indicator shows room is occupied.

This lock can be furnished with Guest's, Maid's Master, Grand Master, Display and Emergency Keys.

Illustrations One-quarter Size

* When wanted for hollow metal doors made to Standardized Template, specify number 6234 $\frac{1}{2}$ EM, page 258.

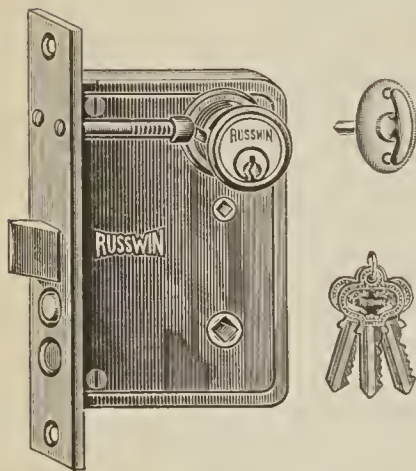
Specify Number and Finish.

Specify thickness of door.
One in a box, with screws.

Finishes described on pages 16 to 18.

Cylinder Mortise Hotel Locks

1250SM*



Number
1250SM*

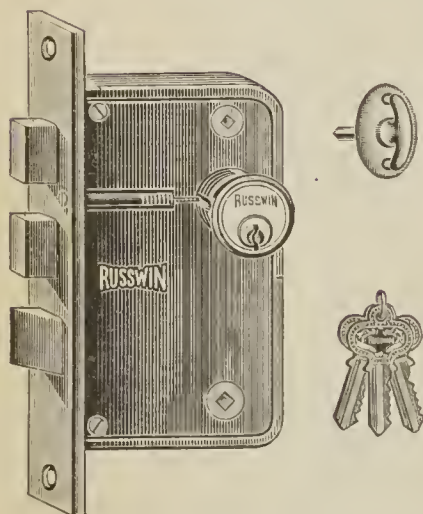
- Case:** $5\frac{3}{4} \times 3\frac{7}{8} \times \frac{7}{8}$ in., Cast Iron, Japanned.
- Front:** $8 \times 1\frac{1}{4}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
- Hand:** Not reversible, specify hand, page 236.
- Backset:** Regular, $2\frac{3}{4}$ in., Special, none.
- Spacing:** $3\frac{5}{8} \times 2\frac{1}{8}$ in., Knob Hub: Brass, for $\frac{5}{16} \times \frac{3}{8}$ in. Swivel Spindle.
- Strike:** $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
- Bolts:** Cast Bronze, Latch Construction: Type CL, page 239.
- Cylinder:** 1 No. 1SM, 6 Pins, Changes practically unlimited, page 341.
- Keys:** 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 $\frac{1}{2}$.
- Master-Keying:** Can be master-keyed as desired with other Russwin Cylinder Locks, page 355.
- Operation:** Latch bolt can be operated by knob from either side except when outside knob is set by stops in face of lock. When outside knob is set the latch bolt can be operated by all keys from outside and by knob from inside.

When turn knob is thrown on the inside both knobs are made rigid and the latch is deadlocked, thereby shutting out all keys except the emergency key. This lock can be furnished with Guests', Maids' Master, Grand Master, Display and Emergency Keys.

Furnished with Indicator "B" when so ordered, page 241.

*When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6250SM, see page 258.

1236EM



Number
1236EM

- Case:** $6\frac{3}{8} \times 3\frac{3}{4} \times \frac{7}{8}$ in., Cast Iron, Japanned.
- Front:** $8\frac{1}{2} \times 1\frac{1}{4}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
- Hand:** Not reversible, specify hand, page 236.
- Backset:** Regular, $2\frac{3}{4}$ in., Special, none.
- Spacing:** $3\frac{5}{8} \times 5$ in., Knob Hub: Brass, for $\frac{5}{16}$ in. Spindle.
- Strike:** $1\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 7A, Special Strikes, page 340.
- Bolts:** Cast Bronze, Latch Construction: Type DC, page 239.
- Cylinder:** 1 No. 1EM, 6 Pins, Changes practically unlimited, page 341.
- Keys:** 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 $\frac{1}{2}$.
- Master-Keying:** Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
- Operation:** Latch bolt by knob from either side. Upper dead bolt by turn knob from inside. Lower dead bolt from outside by Guests', Display, Master, Grand Master and Emergency Keys. When upper dead bolt is thrown from the inside, all keys except emergency key are inoperative. When lower dead bolt is thrown from the outside by the emergency key, all other keys except the display key become inoperative.
- The emergency key is operative at all times.
- Display key furnished only when so ordered.
- Furnished with Indicator "B" when so ordered, page 241.
- Can be used with Electric Switch Strike.

Illustrations One-quarter Size

Specify Number and Finish.

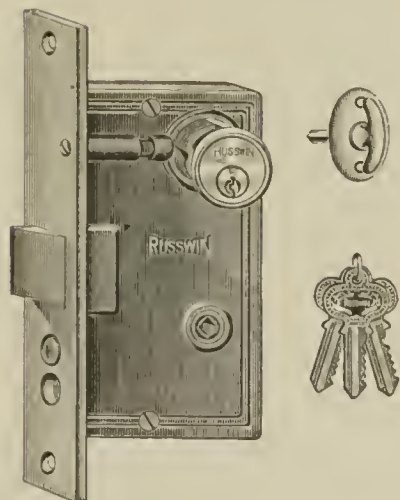
Specify thickness of door.
Finishes described on pages 16 to 18.

One in a box, with screws.

Cylinder Mortise Hotel Locks

Patented

1241 $\frac{3}{4}$ EM



Number
1241 $\frac{3}{4}$ EM

- Case: 6 $\frac{1}{4}$ x 3 $\frac{1}{2}$ x $\frac{7}{8}$ in., Cast Iron, Japanned.
 Front: 8 $\frac{1}{2}$ x 1 $\frac{1}{4}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular 2 $\frac{1}{2}$ in., Special, none.
 Spacing: 3 $\frac{1}{4}$ in. Knob Hub: Brass, for $\frac{5}{16}$ x $\frac{3}{8}$ in., Swivel Spindle.
 Strike: 1 $\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Cylinders: 1, No. 1 EM, 6 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 $\frac{1}{2}$.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks. See page 355.
 Operation: Latch bolt can be operated by knob from either side except when outside knob is set by stops in face of lock, then by key only from outside and by knob from inside.

In addition the latch bolt can be deadlocked by turn knob on inside, making all keys inoperative except the Emergency.

If Indicator is desired, specify Indicator "B", page 241. When latch bolt is deadlocked, indicator shows room is occupied.

This lock can be furnished with Guests', Maids' Master, Grand Master, Display and Emergency Keys.

1246 $\frac{3}{4}$ EM



Number
1246 $\frac{3}{4}$ EM

- Case: 5 x 3 $\frac{1}{2}$ x $\frac{3}{4}$ in., Cast Iron, Japanned.
 Front: 7 $\frac{5}{16}$ x 1 $\frac{1}{4}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 $\frac{1}{2}$ in., Special, none.
 Spacing: 3 $\frac{1}{4}$ in. Knob Hub: Brass, for $\frac{5}{16}$ x $\frac{3}{8}$ in. Swivel Spindle.
 Strike: 1 $\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Cylinders: 1, No. 1 EM, 6 Pins, Changes practically unlimited, page 341.
 Keys: 3 Liberty Silver, Class No. 852, 1 Turn Knob No. 066 $\frac{1}{2}$.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: When door is closed it is automatically locked, and lock can be operated by key only from outside and by knob from inside. Outside knob is rigid at all times. In addition the latch bolt can be deadlocked by turn knob inside, making all keys inoperative except the Emergency.

If Indicator is desired, specify Indicator "B", page 241. When latch bolt is deadlocked, indicator shows room is occupied.

This lock can be furnished with Guests', Maids' Master, Grand Master, Display and Emergency Keys.

Specify Number and Finish.

Specify thickness of doors.
 Finishes described on pages 16 to 18.

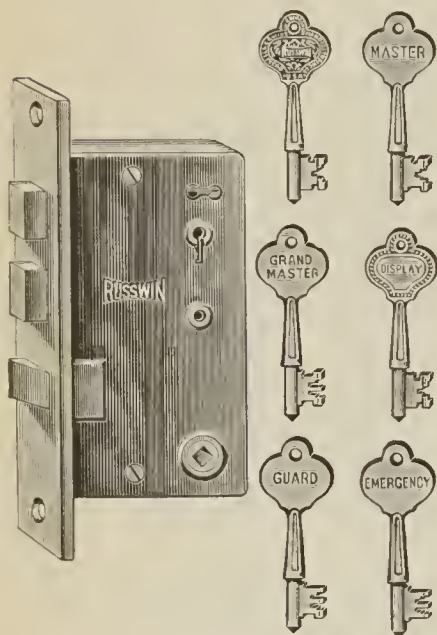
One in a box, with screws.

Mortise Hotel Locks

Patented

For Guest Room Entrance Doors

608 $\frac{1}{4}$ EM

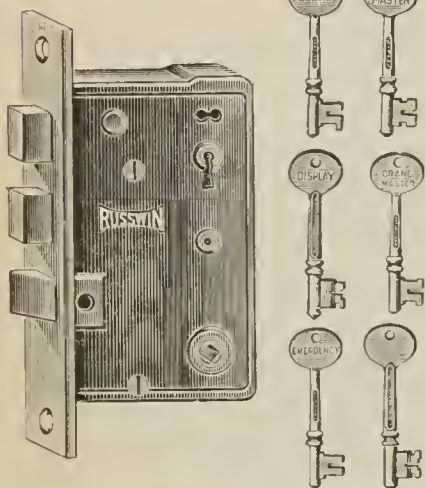


Number
608 $\frac{1}{4}$ EM

- Case: 6 $\frac{1}{4}$ x 3 $\frac{1}{2}$ x $\frac{3}{4}$ in., Cast Iron, Japanned.
 Front: 8 $\frac{1}{2}$ x 1 $\frac{1}{16}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 $\frac{3}{4}$ in., Special, none.
 Spacing: 2 $\frac{3}{8}$ in. and 3 $\frac{15}{16}$ in. Knob Hub: Brass, Compensating, for $\frac{5}{16}$ in. Spindle.
 Strike: 1 $\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 7A, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Tumblers: 4, Changes: 4000.
 Keys: 2 Steel, Class No. 587, page 350.
 Master-Keying: Can be master-keyed in 20 sets of 200 each or less, all different, with master key for each and grand-master key for all, or 1 set of 4000 all different, page 355.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has two dead bolts, operated through separate keyholes. The lower bolt is operated by key from inside at all times, and when thrown all keys except the emergency are made inoperative from outside. The upper bolt is operated by keys from outside. Can be furnished with Guest's, Maid's Master, Grand-Master, Master-Guard, Display and Emergency Keys. If indicator is desired, specify Indicator "B," page 241. When lower bolt is thrown indicator shows that room is occupied.

609 $\frac{1}{4}$ EM

066 $\frac{1}{2}$
Furnished with
619 $\frac{1}{4}$ EM



Number
609 $\frac{1}{4}$ EM
610 $\frac{1}{4}$ EM
619 $\frac{1}{4}$ EM

- Case: 5 $\frac{3}{4}$ x 3 $\frac{1}{2}$ x $\frac{5}{8}$ in., Cast Iron, Japanned.
 Front: 7 $\frac{5}{8}$ x 1 $\frac{1}{16}$ in., Flat, Beveled $\frac{1}{8}$ in. on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 $\frac{5}{8}$ in., Special, none.
 Spacing: 2 in. and 3 $\frac{1}{2}$ in. Knob Hub: Brass, Compensating, for $\frac{5}{16}$ in. Spindle.
 Strike: 1 $\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 7A, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 00.
 Tumblers: 3, Changes: 2160.
 Keys: 2 Steel, Class No. 547, page 239.
 Master-Keying: Can be master-keyed in 24 sets of 90 each or less, all different, with master key for each and grand-master key for all, or 1 set of 2160 all different, page 355.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has two dead bolts operated through separate keyholes. The lower bolt is operated by key from inside at all times and when thrown all keys except the emergency are made inoperative from outside. The upper bolt is operated by key from outside. Can be furnished with Guest's, Maid's Master, Grand-Master, Master-Guard, Display and Emergency Keys. If indicator is desired, specify Indicator "B," page 241. When lower bolt is thrown, indicator shows that room is occupied.

610 $\frac{1}{4}$ EM

- Description: Same as 609 $\frac{1}{4}$ EM, with the addition that when locked from inside the knobs are made rigid and serve as an indicator.
 Operation: Same as 609 $\frac{1}{4}$ EM.

619 $\frac{1}{4}$ EM

- Description: Same as 609 $\frac{1}{4}$ EM except has turn knob No. 066 $\frac{1}{2}$ inside instead of key.
 Operation: Same as 609 $\frac{1}{4}$ except lower bolt is operated by turn knob inside instead of key. If Indicator is desired, specify Indicator "B," page 241. When lower bolt is thrown, indicator shows that room is occupied.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.

Specify thickness of door.

Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Mortise Hotel Locks

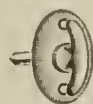
For Guest Room Entrance Doors

0015³/₄M, 0015³/₄EM

Case: 4⁵/₈ x 3³/₈ x ⁵/₈ in., Cast Iron, Japanned.
 Front: 6¹/₂ x 1¹/₁₆ in., Flat, Cast Brass or Bronze.
 Hand: 0015³/₄M, Reversible; 0015³/₄EM, not Reversible.
 Backset: Regular, 2⁵/₈ in., Special, none.
 Spacing: 2³/₁₆ and 3³/₁₆ in. Knob Hub: Brass, Compensating for ⁵/₁₆ in. Spindle. Turn Knob Hub: Brass, for ³/₁₆ in. Spindle. Turn Knob No. 066³/₄.
 Strike: 1¹/₄ in. Lip to Center, Cast Brass or Bronze, Type No. 7, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Tumblers: 3, Changes: 300.
 Keys: 1 Steel, Class No. 877, page 349, 300 Changes on 0015³/₄M. No. 0015³/₄EM, 24 Sets of 90 each all different with Master Key for each and Grand Master Key for all, or 1 Set of 2160 all different.
 Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master key for each and grand-master key for all, or 1 set of 300 all different.



Number
0015³/₄M
0015³/₄EM



0015³/₄M Reversible

Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has two dead bolts. The upper bolt can be operated by keys from either side. The lower bolt can be operated by turn knob from one side.

0015³/₄EM Not Reversible

Operation: Latch bolt can be operated from either side by knobs at all times. In addition it has two dead bolts. The upper bolt can be operated by key only from outside. The lower bolt by turn knob from inside. Turn knob will also withdraw upper bolt when thrown from outside by key. When locked from inside by turn knob all keys except the emergency key are inoperative. The emergency key will operate at all times to retract the upper and lower bolts. Can be furnished with Guest's, Maid's Master, Grand-Master and Emergency Keys.

For Bath and Bedroom Doors

0019³/₄

Case: 4⁵/₈ x 3¹/₂ x ⁵/₈ in., Cast Iron, Japanned.
 Front: 6⁵/₈ x 1¹/₁₆ in. Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2³/₄ in., Special, none.
 Spacing: 1⁷/₈ in. and 3³/₁₆ in. Knob Hub: Brass, Compensating for ⁵/₁₆ in. Spindle. Turn Knob Hub: for ³/₁₆ in. Spindle. Turn Knob: No. 066³/₄.
 Strike: 1¹/₄ in. Lip to Center, Cast Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Tumblers: 3, Changes: 300.
 Keys: 1 Steel, Class No. 563, page 350.
 Master-Keying: Can be master-keyed in 3 sets of 100 each or less, all different, with master key for each and grand-master key for all, or 1 set of 300 all different.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated from the inside by turn knob and by key only from outside.



Number
0019³/₄
0022³/₄M



0022³/₄M

Case: 5 x 3⁵/₈ x ⁵/₈ in., Cast Iron, Japanned.
 Front: 7 x 1¹/₁₆ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2³/₄ in., Special, none.
 Spacing: 2³/₁₆ in. and 3¹/₂ in. Knob Hub: Brass, Compensating for ⁵/₁₆ in. Spindle. Turn Knob Hub: Brass, for ³/₁₆ in. Spindle. Turn Knob: No. 066³/₄.
 Strike: 1¹/₄ in. Lip to Center, Wrought Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Tumblers: 3, Changes: 300.
 Keys: 1 Steel, Class No. 877, page 349.
 Master-Keying: Can be master-keyed in 3 sets of 100 each or less, all different, with master-key for each and grand master-key for all, or 1 set of 300 all different.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated from inside by turn knob and by key only from outside.

Illustrations One-quarter Size

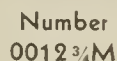
Inter-keying Locks: For other types of locks having same key system, see page 356.

Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

For Communicating Doors



Case: 4⁵/₈ x 3¹/₄ x ⁵/₈ in., Cast Iron, Japanned.

Front: 6¹/₂ x 1 in., Flat Front, Cast Brass or Bronze.

Hand: Reversible.

Backset: Regular, 2¹/₂ in., Special, none.

Spacing: 2³/₁₆ and 3⁹/₁₆ in. Knob Hub: Iron, for ⁵/₁₆ in. Spindle.
Turn Knob Hub: Brass, for ³/₁₆ in. Spindle.

Strike: 1¹/₄ in. Lip to Center, Cast Brass or Bronze, Type No. 7, Special Strikes, page 340.

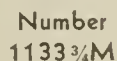
Bolts: Cast Bronze, Latch Construction: Type E, page 239.

Tumblers: 3, Changes: 300.

Keys: 1 Steel, Class No. 563, page 350.

Master-Keying: Can be master-keyed in 3 sets of 100 each or less, all different, with master key for each and grand-master key for all, or 1 set of 300 all different, page 355.

Operation: Latch Bolt can be operated by knobs from either side at all times. In addition it has two dead bolts. The upper bolt can be operated by key from either side. The lower bolt can be operated by turn knob from one side.



Case: 5¾ x 3½ x ⅝ in., Cast Iron, Japanned.

Front: 7⅝ x 1 in., Flat, Cast Brass or Bronze.

Hand: Reversible.

Backset: Regular, 2¾, Special, none.

Spacing: 1¾ and 4⅛ in. Knob Hub: Brass, Compensating, for ⅝ in. Spindle. Turn Knob Hub: Brass for ⅜ in. Spindle.

Strike: 1¼ in. Lip to Center, Cast Brass or Bronze, Type No. 8, Special Strikes, page 340.

Bolts: Cast Bronze, Latch Construction: Type DC, page 239.

Tumblers: 3, Changes: 300.

Keys: *Class No. 877, page 349. 2 turn knobs No. 066½.

Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master key for each and grand-master key for all, or 1 set of 300 all different, page 355.

Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has split dead bolts operated by turn knob from opposite sides. When bolt is thrown from one side it cannot be retracted from the other. Master or grand-master key will dead lock turn knob when dead bolts are either thrown or withdrawn.

*Change keys are not required and will not be furnished unless specified.

Description: Same as 1133³/₄M, except has only one dead bolt operated by turn knob.

Operation: Same as 1133³/₄M, except bolt can be operated from one side only.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.

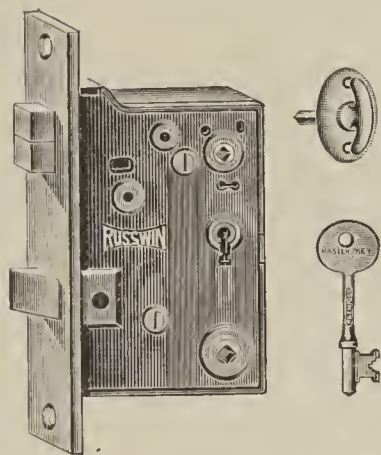
Specify Number and Finish.

Finishes described on pages 16 to 18.

One in box, with screws.

Mortise Knob Locks

For Communicating Doors



Number
1121³/₄M
1122³/₄M

1121³/₄M

- Case: 5¹/₂ x 3¹/₂ x ³/₄ in., Cast Iron, Japanned.
 Front: 7¹/₂ x 1¹/₈ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2³/₄ in., Special, none.
 Spacing: 2¹/₈ and 3⁹/₁₆ in., Knob Hub: Brass, Compensating, for ⁵/₁₆ in. Spindle. Turn Knob Hub: Brass for ³/₁₆ in. Spindle.
 Strike: 1¹/₄ in. Lip to Center, Cast Brass or Bronze, Type No. 8, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Tumblers: 4, Changes: 1000.
 Keys: *Class No. 557, page 350. 2 Turn Knobs, No. 066¹/₂.
 Master-Keying: Can be master-keyed in 20 sets of 50 each or less, all different, with master key for each and grand-master key for all, or 1 set of 1000 all different.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has split dead bolts operated by turn knobs from opposite sides. When bolt is thrown from one side it cannot be retracted from the other. Master or Grand-master key will deadlock turn knob when dead bolts are either thrown or withdrawn.

*Change keys are not required, and will not be furnished unless specified.

1122³/₄M

- Description: Same as 1121³/₄M, except has only one dead bolt, operated by turn knob.
 Operation: Same as 1121³/₄M, except bolt can be operated from one side only.

For Communicating and Bathroom Doors

Can be applied with Turn Piece above or below Knob

239†



Number
239†
239¹/₂†

- Case: 5³/₄ x 3³/₄ x 1³/₁₆ in., Cast Iron, Japanned.
 Front: 8 x 1¹/₄ in., Flat, Beveled ¹/₈ on 2 in., Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2³/₄ in., Special, none.
 Spacing: 3³/₈ in. Knob Hub: Brass for ⁵/₁₆ in. Spindle. Turn Knob Hub: Brass, for ³/₁₆ in. Spindle.
 Strike: 1¹/₄ in. Lip to Center, Wrought Brass or Bronze, Type No. 8, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type EC, page 239.
 Keys: Class No. 219 furnished when desired, page 352.
 Turn Knob: 1, No. 066¹/₂.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a single dead bolt operated by turn knob from one side only.

†When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6039, see page 258.

†239¹/₂

- Description: Same as 239, except has split dead bolts operated by turn knobs.
 Operation: Same as 239, except split dead bolt can be operated by turn knob from opposite sides.

†When wanted for Hollow Metal Doors made to Standardized Template, specify Number 6039¹/₂, see page 258.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.

Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Mortise Knob Locks

For Communicating and Bathroom Doors

236

Case: 4 x 3½ x ⅝ in., Cast Iron, Japanned.
 Front: 5⅞ x 1 in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2¾ in., Special, 1¾, 2, 2¼ and 2½ in.
 Width of Case is ¾ in. more than Backset.
 Spacing: 2⅝ in. Knob Hub: Brass, Compensating, for ⅝ in. Spindle.
 Turn Knob Hub: Brass, for ⅜ in. Spindle.
 Strike: 1¼ in. Lip to Center, Wrought Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC on 2¾ in. Backset.
 Type CT on 1¾, 2, 2¼ and 2½ in. Backsets, page 239.
 Keys: Class No. 219 furnished when desired, page 352.
 Turn Knob: 1, No. 066½.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a single dead bolt operated by turn knob from one side only. Can be operated by key No. 219 from outside.

236½

Same as 236: Except has split dead bolts operated by turn knobs from opposite sides.
 Backset: Regular, 2¾ in., Special, 1¾, 2, 2¼, 2½ and 3 in.
 Bolts: Cast Bronze, Latch Construction: Type DC on 2¾ and 3 in. Backset, Type CT on 1¾, 2, 2¼ and 2½ in. Backsets, page 239.

246 Rabbeted

Same as 236: Except has Rabbeted Front 5⅞ x 1½ x ½ in., and Cast Brass or Bronze Strike, Type No. 6A. Not Reversible, Specify Hand, page 236.

229

(Will Fit Same Mortise as 0375 Lock)

Case: 3⅝ x 3⅝ x 1⅞ in., Cast Iron, Japanned.
 Front: 5½ x ⅞ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2½ in., Special, none.
 Spacing: 2⅜ in. Knob Hub: Iron, for ⅝ in. Spindle.
 Turn Knob Hub: Brass, for ⅜ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Keys: Class No. 219 furnished when desired, page 352.
 Turn Knob: 1, No. 066½.
 Operation: Same as No. 236.

229½

(Will Fit Same Mortise as 0375 Lock)

Same as 229: Except has split dead bolts operated by turn knobs from opposite sides.

234

Case: 3⅝ x 3⅝ x ⅝ in., Cast Iron, Japanned.
 Front: 5½ x 1 in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2⅝ in., Special, 2¼ and 3½ in.
 Width of Case is ¾ in. more than Backset.
 Spacing: 2⅜ in. Knob Hub: Brass, Compensating, for ⅝ in. Spindle.
 Turn Knob Hub: Brass, for ⅜ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, on 2⅝ and 3½ in. Backset. Type CT on 2¼ in. Backset, page 239.
 Keys: Class No. 219 furnished when desired, page 352.
 Turn Knob: 1, No. 066½.
 Operation: Same as No. 236.

221

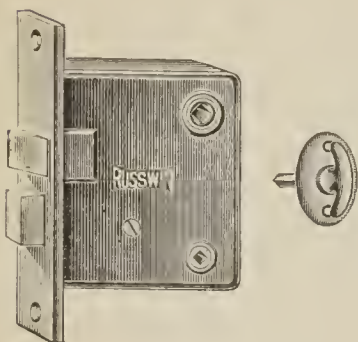
(Will Fit Same Mortise as the 731 and 734 Locks)

Case: 3½ x 3 x ⅞ in., Wrought Steel, Japanned.
 Front: 5¼ x ⅞ in., Flat, Wrought Steel.
 Hand: Reversible.
 Backset: Regular, 2⅝ in., Special, none.
 Spacing: 2⅜ in. Knob Hub: Iron, for ⅝ in. Spindle.
 Turn Knob Hub: Iron, for ⅜ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Steel, Type No. 6.
 Bolts: Wrought Steel, Latch Construction: Type SE, page 239.
 Keys: Class No. 219 furnished when desired, page 352.
 Turn Knob: 1, No. 7066½.
 Operation: Same as No. 236.

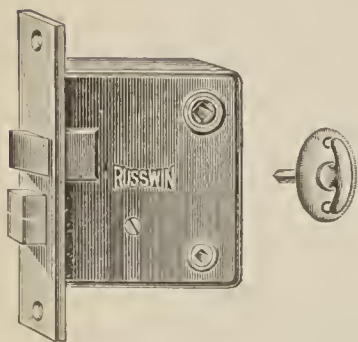
223, 223½

(Will Fit Same Mortise as the 731 and 734 Locks)

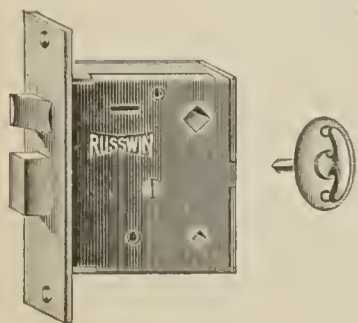
223 as 221: Except has Brass or Bronze Fronts, Strikes, Bolts and Turn Knob 066½.
 223½ as 223: Except has Cast Brass or Bronze split dead bolts operated by Turn Knobs from opposite sides.



Number
236
Type of
229
234



Number
236½
Type of
229½



Number
221
223

Illustrations One-quarter Size

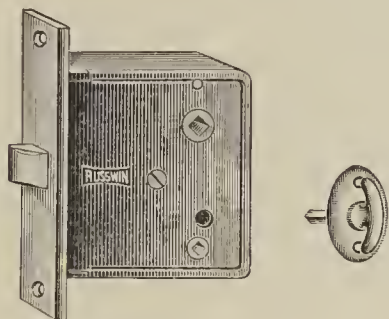
Specify Number and Finish.

Finishes described on pages 16 to 18.

Half dozen in a box, with screws.

Panic Proof Turn Bolt Lock

Patented



Number
244

SPECIAL FEATURES

When Door is locked by Turn Knob, operation of Inside Door Knob automatically unlocks the Door.

Recommended for Dressing Booth Doors, Public Toilets, Bath and Bed Room Doors.

244

- Case: $3\frac{1}{16} \times 3\frac{7}{16} \times \frac{1}{16}$ in., Cast Iron, Japanned.
- Front: $5\frac{7}{32} \times 2\frac{9}{32}$ in., Flat, Cast Brass or Bronze.
- Hand: Reversible.
- Backset: Regular $2\frac{1}{2}$ in., Special, None.
- Spacing: $2\frac{3}{16}$ in. Knob Hub: Brass, for $\frac{5}{16}$ in. Spindle, Turn Knob Hub: Brass, for $\frac{3}{16}$ in. Spindle.
- Strike: 1 in. Lip to Center, Wrought Brass or Bronze Type No. 4.
- Bolts: Cast Bronze, Latch Construction: Type K, Page 239.
- Keys: Class No. 219 furnished when desired, Page 352.
- Turn Knob: 1, No. 066 $\frac{1}{2}$.
- Operation: Latch Bolt can be operated by Knobs from either side except when Outside Knob is deadlocked by Turn Knob on Inside. The retraction of Latch by Knob on Inside automatically unlocks Outside Knob.

If Turn Knob should be thrown, locking Outside Knob when Door is in open position, Latching of Door pushes Latch into retracted position where it will remain, thereby allowing entrance. Operation of Turn Knob will release Latch from retracted position.

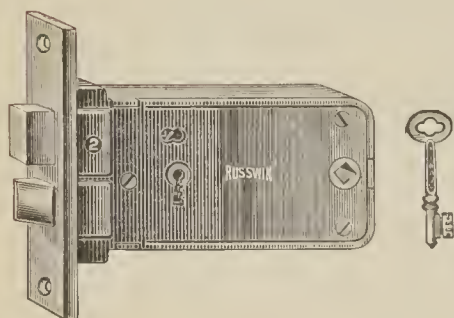
Illustrations One-quarter Size

Specify Number and Finish.

Finishes described on pages 16 to 18.

Half dozen in a box, with screws.

Mortise Knob Lock

727³/₄

Number
727³/₄

- Case: 2⁵/₈ x 5¹/₂ x ⁵/₈ in., Cast Iron, Japanned.
- Front: 5³/₁₆ x 1 in., Flat, Cast Brass or Bronze.
- Hand: Reversible.
- Backset: Front to Key 2 in., Front to Knob 5 in.
- Knob Hub: Brass, for ⁵/₁₆ in. Spindle.
- Strike: 1¹/₄ in. Lip to Center, Cast Brass or Bronze, Type No. 8.
- Bolts: Cast Bronze, Latch Construction: Type CT, Page 239.
- Tumblers: 3, Changes: 48, not Master-Keyed.
- Keys: 1 Steel, Class No. 871, Page 349.
- Master-Keying: Can be Master-Keyed in 6 Sets of 50 each or less, all Different, with Master Key for each and Grand-Master Key for all, or 1 Set of 300, all Different.
- Operation: Latch Bolt can be operated by Knobs from either side at all times. In addition it has a Dead Bolt operated by Key from either side.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.

Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Mortise Knob Locks

English Type



Number
726³/₄

726³/₄

- Case: 2⁷/₈ x 6 x 1¹/₁₆ in., Cast Iron, Japanned.
- Front: 5 x 1¹/₈ in., Flat, Cast Brass or Bronze.
- Hand: Reversible.
- Backset: Front to key 1⁷/₈ in. Front to Knob 5¹/₈ in.
- Knob Hub: Brass, for ⁵/₁₆ in. Spindle.
- Strike: 1¹/₄ in. Lip to Center, Cast Brass or Bronze, Type No. 8.
- Bolts: Cast Bronze.
- Tumblers: 3, Changes: 48, not master-keyed.
- Keys: 1 Steel, Class No. 871, page 349.
- Master-Keying: Can be master-keyed in 3 sets of 100 each or less, all different, with master key for each and grand master key for all, or 1 set of 300, all different.
- Operation: Latch Bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from either side.

726⁷/₈ Rabbeted

- Description: Same as 726³/₄, except has Rabbeted Front 5 x 1¹/₈ x ¹/₂ in.
- Hand: Not reversible, specify hand, page 236.
- Backset: Front to Knob 5¹/₈ in. Short Side, 5⁵/₈ in. Long Side. Front to Key 1⁷/₈ in. Short Side, 2³/₈ in. Long Side.
- Strike: 1¹/₄ in. Lip to Center, Cast Brass or Bronze, Type No. 8A.
- Operation: Same as 726³/₄.

237



Number
237

- Case: 2⁷/₈ x 6 x ⁵/₈ in., Cast Iron, Japanned.
- Front: 5 x 1¹/₈ in., Flat, Cast Brass or Bronze.
- Hand: Reversible.
- Backset: Front to Turn Knob 1⁷/₈ in. Front to Knob 5¹/₈ in.
- Knob Hub: Brass, for ⁵/₁₆ in. Spindle. Turn Knob Hub: Brass, for ³/₁₆ in. Spindle.
- Strike: 1¹/₄ in. Lip to Center, Cast Brass or Bronze, Type No. 8.
- Bolts: Cast Bronze.
- Keys: Class No. 219 furnished when desired, page 352.
- Turn Knob: 1, No. 066¹/₂.
- Operation: Latch Bolt can be operated by knobs from either side at all times. In addition it has a single dead bolt operated by turn knob from one side only. In case of necessity dead bolt can be operated by square stem key (No. 219) from opposite side of door.

237¹/₂

- Same as 237: Except has split dead bolts operated by turn knobs from opposite sides.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.
Specify Number and Finish. Finishes described on pages 16 to 18.

One in a box, with screws.

Mortise Knob Locks

0397

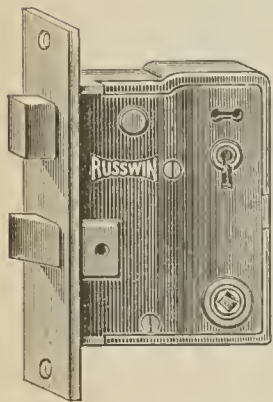


Number
0397
0396



Case: 5 x 3 7/8 x 5/8 in., Cast Iron, Japanned.
 Front: 7 1/8 x 1 1/4 in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 3 in., Special, 2 and 2 1/2 in.
 Width of Case is 7/8 in. more than Backset.
 Spacing: 3 3/16 in. Knob Hub: Brass, Compensating, for 5/16 in. Spindle on 3 in. Backset, 2 and 2 1/2 in. Backsets not Compensating.
 Strike: 1 1/4 in. Lip to Center, Cast Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC on 3 in. Backset. Type CT on 2 and 2 1/2 in. Backsets, page 239.
 Tumblers: 3, Changes: 300.
 Keys: 1 Steel, Class No. 873, page 349.
 Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master-key for each and grand-master key for all, or 1 set of 300 all different.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by keys from either side.

0396



Number
1387 3/4

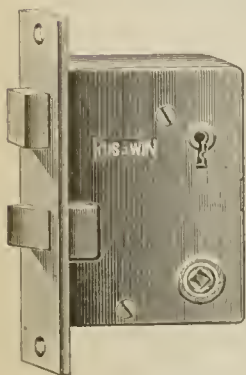


Description: Same as 0397. Except furnished in 2 1/2 in. Backset ONLY.
 Bolts: Latch Construction: Type CT, page 239.
 Tumblers: 4, Changes: 315.
 Keys: 1 Steel, Class No. 547 1/2, page 349.
 Master-Keying: Can be master-keyed in 7 sets of 30 each or less, all different, with master-key for each and grand-master key for all, or 1 set of 315 all different.

1387 3/4

Case: 4 3/4 x 3 1/2 x 3/4 in., Cast Iron, Japanned.
 Front: 6 9/16 x 1 1/16 in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2 3/4 in., Special, 2, 2 1/4, 3, 3 1/4 and 3 1/2 in.
 Width of Case is 3/4 in. more than Backset.
 Spacing: 2 5/8 in. Knob Hub: Brass, Compensating, for 5/16 in. Spindle on 2 3/4 in. Backset, all other Backsets have straight hub.
 Strike: 1 1/4 in. Lip to Center, Cast Brass or Bronze, Type No. 8, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC on 2 3/4, 3, 3 1/4 and 3 1/2 in. Backsets. Type CT on 2 and 2 1/4 in. Backsets. Page 239.
 Tumblers: 4, Changes: 1000.
 Keys: 1 Steel, Class No. 557, page 350.
 Master-Keying: Can be master-keyed in 20 sets of 50 each or less, all different, with master-key for each and grand-master key for all, or 1 set of 1000 all different.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from either side.

1384 3/4



Number
1384 3/4



Case: 5 x 3 1/2 x 5/8 in., Cast Iron, Japanned.
 Front: 6 5/8 x 1 1/16 in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2 3/4 in., Special, none.
 Spacing: 2 5/8 in. Knob Hub: Brass, Compensating, for 5/16 in. Spindle.
 Strike: 1 1/4 in. Lip to Center, Cast Brass or Bronze, Type No. 8, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Tumblers: 3, Changes: 48, not master-keyed.
 Keys: 1 Steel, Class No. 871, page 349.
 Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master-key for each and grand-master key for all, or 1 set of 300 all different.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from either side.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.

Specify Number and Finish.

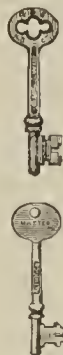
Finishes described on pages 16 to 18.

One in a box, with screws.

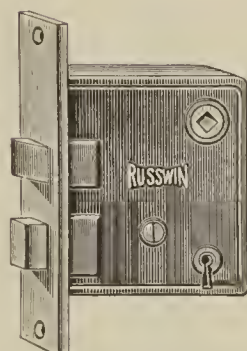
Mortise Knob Locks



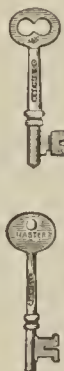
Number
384^{3/4}
0384^{3/4}M



384^{3/4}
Case: 4 x 3 1/2 x 5/8 in., Cast Iron, Japanned.
Front: 5 7/8 x 1 in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2 3/4 in., Special, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 3, 3 1/4, 3 1/2, 4 and 4 3/4 in.
Width of Case, is 3/4 in. more than Backset.
Spacing: 2 5/8 in. Knob Hub: Brass, Compensating, for 5/16 in. Spindle on all Backsets except 1 1/4 and 1 1/2 in.
Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 6, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type DC, on 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2, 4 and 4 3/4 in. Backsets, page 239.
Type CT on 1 1/4, 1 1/2, 1 3/4, 2 and 2 1/4 in. Backsets, page 239.
Tumblers: 3, Changes: 48, not master-keyed.
Keys: 1 Steel, Class No. 871, page 349.
Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master key for each and grand-master key for all, or 1 set of 300, all different.
Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from either side.

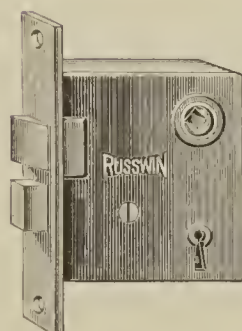


Number
0374
0374^{3/4}



0384^{3/4}M
Description: Same as No. 384^{3/4}, except Case 4 x 3 1/2 x 1 1/16 in. with 4 tumblers, 1080 changes, master-keyed and 1 Steel Key, Class No. 877 1/2, page 349.
Backset: Regular, 2 3/4 in., Special, none.
Master-Keying: Master-keyed in 18 sets of 60 each or less, all different, with master key for each and grand-master key for all, or 1 set of 1080, all different.
Operation: Same as 384^{3/4}.

0374
Case: 4 x 3 1/2 x 9/16 in., Cast Iron, Japanned.
Front: 5 15/16 x 1 in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2 3/4 in., Special, none.
Spacing: 2 5/8 in. Knob Hub: Iron, for 5/16 in. Spindle.
Strike: 1 in. Lip to Center, Wrought Brass or Bronze, Type No. 6, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type E, page 239.
Tumblers: 1, Changes: 12.
Keys: 1 Steel, Class No. 558, page 350.
Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from either side.



Number
380^{3/4}



0374^{3/4}
Description: Same as 0374, except has 3 tumblers, 36 changes, not master-keyed, and 1 Steel Key, Class No. 559, page 350.
Master-Keying: Can be master-keyed in 3 sets of 100 each or less, all different, with master key for each and grand-master key for all, or 1 set of 300, all different. 1 Steel Key, Class No. 563, page 350.
Operation: Same as 0374.

380^{3/4}
Case: 3 5/8 x 3 3/8 x 5/8 in., Cast Iron, Japanned.
Front: 5 1/2 x 1 in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2 5/8 in. Special, none.
Spacing: 2 3/16 in. Knob Hub: Brass, Compensating, for 5/16 in. Spindle.
Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type No. 6, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
Tumblers: 3, Changes: 48, not master-keyed.
Keys: 1 Steel, Class No. 871, page 349.
Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master key for each and grand-master key for all, or 1 set of 300, all different.
Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from either side.

Illustrations One-quarter Size

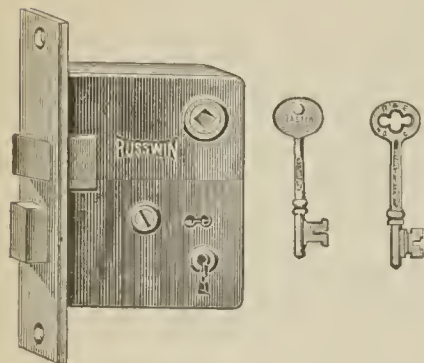
Inter-keying Locks: For other types of locks having same key system, see page 356.

Specify Number and Finish.

Finishes described on pages 16 to 18.

Six in a box, with screws.

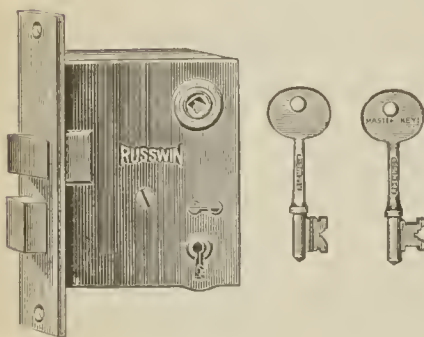
Mortise Knob Locks



Number
382 ³/₄

382 ³/₄

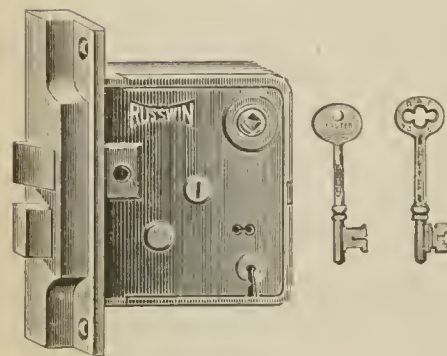
- Case: 4 ¹/₄ x 3 ¹/₂ x ⁵/₈ in., Cast Iron, Japanned.
 Front: 6 ¹/₄ x 1 ¹/₁₆ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2 ³/₄ in., Special, none.
 Spacing: 2 ⁵/₈ in. Knob Hub: Brass, Compensating, for ⁵/₁₆ in. Spindle.
 Strike: 1 ¹/₄ in. Lip to Center, Wrought Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Tumblers: 3, Changes: 48, not master-keyed.
 Keys: 1 Steel, Class No. 871, page 349.
 Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master-key for each and grand master-key for all, or 1 set of 300 all different.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from either side.



Number
387 ³/₄

387 ³/₄

- Case: 4 x 3 ¹/₂ x ³/₄ in., Cast Iron, Japanned.
 Front: 6 x 1 ¹/₁₆ in. Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2 ³/₄ in., Special, 2 and 2 ¹/₄ in.
 Width of Case is ³/₄ in. more than Backset.
 Spacing: 2 ⁵/₈ in. Knob Hub: Brass, Compensating, for ⁵/₁₆ in. Spindle.
 Strike: 1 ¹/₄ in. Lip to Center, Cast Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC on 2 ³/₄ inch Backset. Type CT on 2 and 2 ¹/₄ inch Backset, page 239.
 Tumblers: 4, Changes: 1000.
 Keys: 1 Steel, Class No. 557, page 350.
 Master-Keying: Can be master-keyed in 20 sets of 50 each or less, all different, with master-key for each and grand master-key for all, or 1 set of 1000 all different.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from either side.



Number
394 ³/₄

394 ³/₄ Rabbeted

- Case: 4 x 3 ¹/₂ x ⁵/₈ in., Cast Iron, Japanned.
 Front: 5 ⁷/₈ x 1 ¹/₈ x ¹/₂ in., Rabbeted, Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 2 ³/₄ in. Short Side, 3 ¹/₄ in. Long Side.
 Special, 1 ³/₄, 2, 2 ¹/₄, 2 ¹/₂, 3, 3 ¹/₄ and 3 ¹/₂ in. Short Side, 2 ¹/₄, 2 ¹/₂, 2 ³/₄, 3, 3 ¹/₂, 3 ³/₄ and 4 in. Long Side.
 Width of Case is ³/₄ in. more than Short Side Backset.
 Spacing: 2 ⁵/₈ in. Knob Hub: Brass, Compensating, for ⁵/₁₆ in. Spindle.
 Strike: 1 in. Lip to Center, Cast Brass or Bronze, Type No. 6A, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC on 2 ³/₄, 3, 3 ¹/₄ and 3 ¹/₂ inch Backset. Type CT on 1 ³/₄, 2, 2 ¹/₄ and 2 ¹/₂ inch Backset, page 239.
 Tumblers: 3, Changes: 48, not master-keyed.
 Keys: 1 Steel, Class No. 871, page 349.
 Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master-key for each and grand master-key for all, or 1 set of 300 all different.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from either side.

Illustrations One-quarter Size

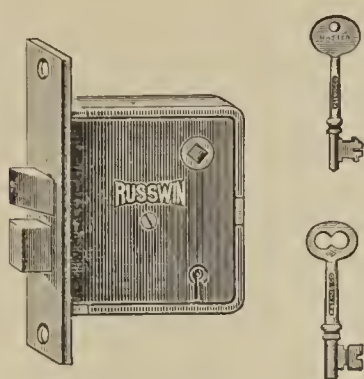
Inter-keying Locks: For other types of locks having same key system, see page 356.

Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Mortise Knob Locks



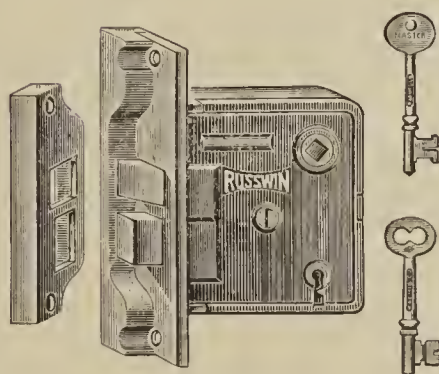
Number
0375
0375³/₄
0375³/₄M

0375

Case: 3⁵/₈ x 3⁵/₁₆ x 1¹/₁₆ in., Cast Iron, Japanned.
Front: 5¹/₂ x 7⁷/₈ in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2¹/₂ in., Special, none.
Spacing: 2³/₁₆ in. Knob Hub: Iron for 5⁵/₁₆ in. Spindle.
Strike: 1 in. Lip to Center, Wrought Brass or Bronze, Type No. 6, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
Tumblers: 1, Changes: 12, not master-keyed.
Keys: 1 Steel, Class No. 558³/₄, page 350.
Operation: Latch bolt can be operated by knobs from either side at all times. In addition there is a dead bolt operated by key from either side.

0375³/₄

Description: Same as No. 0375, except has 3 tumblers, 32 changes not master-keyed, 1 Steel Key, Class No. 559, page 350.
Operation: Same as 0375.



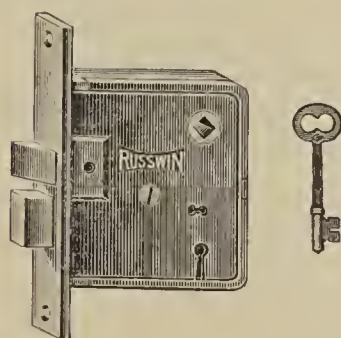
Number
0390³/₄

0375³/₄M

Description: Same as 0375 except has 300 changes.
Master-Keying: Can be master-keyed in 3 sets of 100 each or less, all different, with master key for each and grand-master key for all, or 1 set of 300 all different, 1 Steel Key, Class No. 563, page 350.
Operation: Same as 0375.

0390³/₄ Rabbeted

Description: Same as 0375³/₄, except has Rabbeted Front 5¹/₂ x 1 x 1¹/₂ in.
Hand: Not reversible, specify hand, page 236.
Backset: Regular, 2¹/₂ in. Short Side, 3 in. Long Side. Special, none.
Strike: Cast Brass or Bronze, Type No. 10D.
Master-Keying: Can be master-keyed in 3 sets of 100 each or less, all different, with master key for each and grand-master key for all, or 1 set of 300 all different.
Operation: Same as 0375.



Number
0365

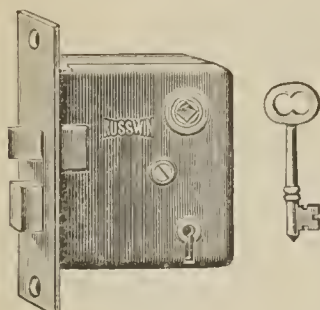
0365 (For Thin Doors)

Case: 3⁵/₈ x 3⁵/₁₆ x 9⁹/₁₆ in., Cast Iron, Japanned.
Front: 5¹/₂ x 5⁷/₈ in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular 2¹/₂ in., Special, none.
Spacing: 2³/₁₆ in. Knob Hub: Iron for 5⁵/₁₆ in. Spindle.
Strike: 1 in. Lip to Center, Cast Brass or Bronze, Type No. 6, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type Special.
Tumblers: 2, Changes: 16, not master-keyed.
Keys: 1 Steel Class, No. 551¹/₂, page 350.
Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from either side.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.
Specify Number and Finish. Finishes described on pages 16 to 18. Half dozen in a box, with screws.

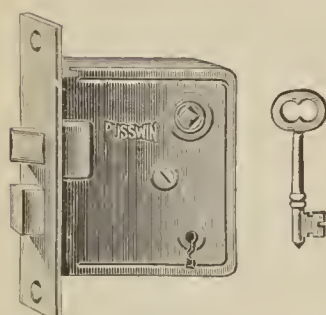
Mortise Knob Locks



Number
01001

01001

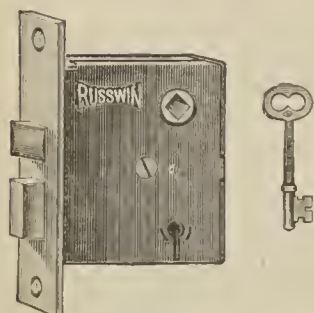
Case: $3\frac{5}{8} \times 3\frac{5}{16} \times \frac{9}{16}$ in., Cast Iron, Japanned.
 Front: $5\frac{1}{4} \times \frac{7}{8}$ in., Wrought Steel, Plated.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{2}$ in., Special, none.
 Spacing: $2\frac{3}{16}$ in. Knob Hub: Iron, for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Steel, Plated, Type No. 6.
 Bolts: Cast Iron, Latch Construction: Type K, page 239.
 Tumblers: 1, Changes: 12.
 Keys: 1 Steel, Class No. 549 $\frac{3}{4}$, page 350.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from either side.



Number
0389

0389

Case: $3\frac{9}{16} \times 3\frac{5}{16} \times \frac{9}{16}$ in., Cast Iron, Japanned.
 Front: $5\frac{1}{4} \times 1\frac{5}{16}$ in., Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{2}$ in., Special, none.
 Spacing: $2\frac{3}{16}$ in. Knob Hub: Iron, for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Brass or Bronze, Type No. 6.
 Bolts: Cast Bronze, Latch Construction: Type K, page 239.
 Tumblers: 1, Changes: 6.
 Keys: 1 Steel, Class No. 549, page 350.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from either side.



Number
731
731 $\frac{3}{4}$
734

731

Case: $3\frac{1}{2} \times 3 \times \frac{9}{16}$ in., Wrought Steel, Japanned.
 Front: $5\frac{1}{4} \times \frac{7}{8}$ in. Wrought Steel, Plated.
 Hand: Reversible.
 Backset: Regular, $2\frac{5}{16}$ in., Special, none.
 Spacing: $2\frac{5}{32}$ in. Knob Hub: Cast Iron, for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Steel, Plated, Type No. 6.
 Bolts: Wrought Steel, Dead Bolt, Cast Iron Latch Bolt, Latch Construction: Type SE, page 239.
 Tumblers: 1, Changes: 12.
 Keys: 1 Steel, Class No. 550 $\frac{3}{4}$, page 350.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by key from either side.

731 $\frac{3}{4}$

Description: Same as 731.
 Tumblers: 3, Changes: 30.
 Key: Class 550 $\frac{7}{8}$.
 Operation: Same as 731.

734

Description: Same as 731 except has Wrought Brass or Bronze Front, Dead Bolt and Strike, and Cast Brass or Bronze Latch Bolt.
 Operation: Same as 731.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.

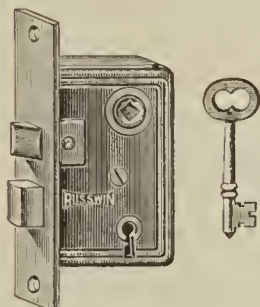
Lock Numbers 731 and 734 will fit same mortise as 221 and 223 Locks shown on page 292.

Specify Number and Finish.

Finishes described on pages 16 to 18.

Half dozen in a box, with screws.

Narrow Mortise Knob Locks



Number
01006

01006

- Case: $3\frac{9}{16} \times 2\frac{1}{4} \times \frac{9}{16}$ in., Cast Iron, Japanned.
 Front: $5\frac{1}{4} \times \frac{7}{8}$ in., Flat, Wrought Steel, Plated.
 Hand: Reversible.
 Backset: Regular, $1\frac{1}{2}$ in., Special, none.
 Spacing: $2\frac{1}{8}$ in., Knob Hub: Iron, for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Steel, Plated, Type No. 6.
 Bolts: Cast Iron.
 Tumblers: 1 only, Changes: 6.
 Keys: 1 Nickel-Plate Steel, Class 549, page 350.
 Operation: Latch bolt can be operated by knobs from either side at all times.
 In addition it has a dead bolt operated by key from either side.

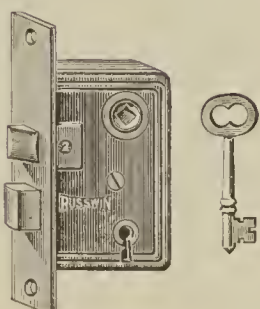
01007

- Description: Same as 01006 except has $1\frac{3}{4}$ in. Backset.
 Width of Case is $\frac{3}{4}$ in. more than Backset.

01008

- Description: Same as 01006 except has 2 in. Backset.
 Width of Case is $\frac{3}{4}$ in. more than Backset.

01009



Number
01009

- Case: $3\frac{9}{16} \times 2\frac{1}{4} \times \frac{9}{16}$ in., Cast Iron, Japanned.
 Front: $5\frac{1}{4} \times \frac{7}{8}$ in., Flat, Wrought Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $1\frac{1}{2}$ in., Special, none.
 Spacing: $2\frac{1}{8}$ in. Knob Hub: Brass, for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Brass or Bronze, Type No. 6.
 Bolts: Cast Bronze.
 Tumblers: 1 only, Changes: 6.
 Keys: 1 Nickel-Plated Steel, Class 549, page 350.
 Operation: Latch bolt can be operated by knobs from either side at all times.
 In addition it has a dead bolt operated by key from either side.

01010

- Description: Same as 01009 except has $1\frac{3}{4}$ in. Backset.
 Width of Case is $\frac{3}{4}$ in. more than Backset.

01011

- Description: Same as 01009 except has 2 in. Backset.
 Width of Case is $\frac{3}{4}$ in. more than Backset.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.

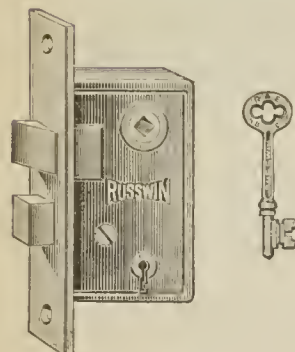
Specify Number and Finish.

Finishes described on pages 16 to 18.

Half dozen in a box, with screws.

Narrow Mortise Knob Locks

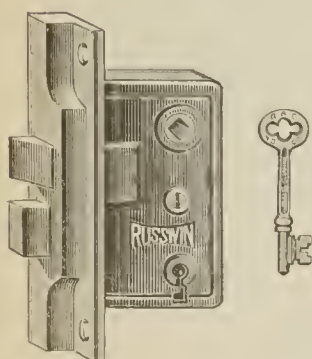
G381³/₄



Number
G381³/₄

Case: 4 x 2¹/₄ x ⁵/₈ in., Cast Iron, Japanned.
 Front: 6 x 1 in., Flat, Cast Brass or Bronze.
 Hand: Reversible, except for 1¹/₄ in. B. S., page 236.
 Backset: Regular, 1¹/₂ in., Special, 1, 1¹/₄, 1³/₄, 2, 2¹/₄, 2¹/₂, 2³/₄, 3 and 3¹/₂ in., specify hand. Width of Case is ³/₄ in. more than Backset.
 Spacing: 2⁵/₈ in. Knob Hub: Brass, Straight for 1, 1¹/₄ and 1¹/₂ in. Backsets; Compensating, for Backsets 1³/₄ in. and over, for ⁵/₁₆ in. Spindle.
 Strike: 1¹/₄ in. Lip to Center, Wrought Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type G, page 239.
 Tumblers: 3, Changes: 48, not master-keyed.
 Keys: 1 Steel, Class No. 871, page 349.
 Master-Keying: Can be master-keyed in 3 sets of 100 each or less, all different, with Master Key for each and Grand Master Key for all, or 1 set of 300 all different.
 Operation: Latch bolt can be operated by knobs from either side at all times. Lever handle should be used on outside for 2 in. backsets and less.
 For lever handles, see pages 213 to 215.
 In addition there is a dead bolt operated from either side at all times. This lock has the gun spring type of latch construction, which gives a strong action on the hub and an easy action on the latch bolt, making it especially adapted for use with lever handles.

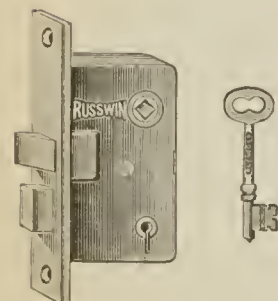
G391³/₄ Rabbeted



Number
G391³/₄

Description: Same as G381³/₄, except has Rabbeted Front 5⁷/₈ x 1¹/₈ x ¹/₂ in.
 Hand: Not reversible, specify hand, page 236.
 Backsets: Regular, 1¹/₂ in. Short Side, 2 in. Long Side. Special, 1, 1¹/₄, 1³/₄, 2, 2¹/₄, 2¹/₂, 3 and 3¹/₂ in., Short Side. 1¹/₂, 1³/₄, 2¹/₄, 2¹/₂, 2³/₄, 3, 3¹/₂ and 4 in., Long Side. Width of Case is ³/₄ in. more than Short Side Backset.
 Strike: Cast Brass or Bronze, Type No. 6A.
 Operation: Same as G381³/₄.

738



Number
738

Case: 3¹/₂ x 2 x ⁵/₁₆ in., Cast Iron, Japanned.
 Front: 5 x ³/₄ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 1¹/₂ in., Special, 1³/₄ and 2 in. Width of Case is ¹/₂ in. more than Backset.
 Spacing: 2³/₁₆ in. Knob Hub: Brass, for ⁵/₁₆ in. Spindle.
 Strike: 1³/₁₆ in. Lip to Center, Cast Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type CT, page 239.
 Tumblers: 1, Changes: 12, not master-keyed.
 Keys: 1 Steel, Class No. 405³/₈, page 350.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition there is a dead bolt operated by key from either side.

738³/₄

Description: Same as 738, except 3 Tumblers, 20 Changes, Key Class No. 405⁷/₈.
 Operation: Same as 738.

739 Rabbeted

Description: Same as 738, except Rabbeted Front 5⁵/₁₆ x 1 x ¹/₂ in.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, 1¹/₂ in. Short Side, 2 in. Long Side. Special, 1¹/₄, 1³/₄, 2¹/₄ in. Short Side, 1³/₄, 2¹/₄, 2³/₄ in. Long Side. Width of Case is ¹/₂ in. more than Short Side Backset.
 Strike: Cast Brass or Bronze, Type No. 6A.
 Bolts: Cast Bronze, Latch Construction: Type DC on 1¹/₄ in. Backset; Type CT on 1¹/₂, 1³/₄ and 2¹/₄ in. Backsets, page 239.
 Operation: Same as 738.

739³/₄

Description: Same as 739, except 3 Tumblers, 20 Changes, Key Class No. 405⁷/₈.
 Operation: Same as 738.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.

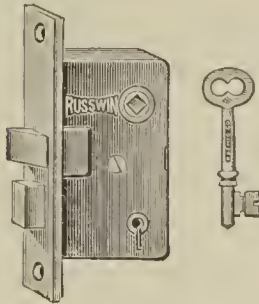
Specify Number and Finish.

Finishes described on pages 16 to 18.

Six in a box, with screws.

Narrow Mortise Knob Locks

351



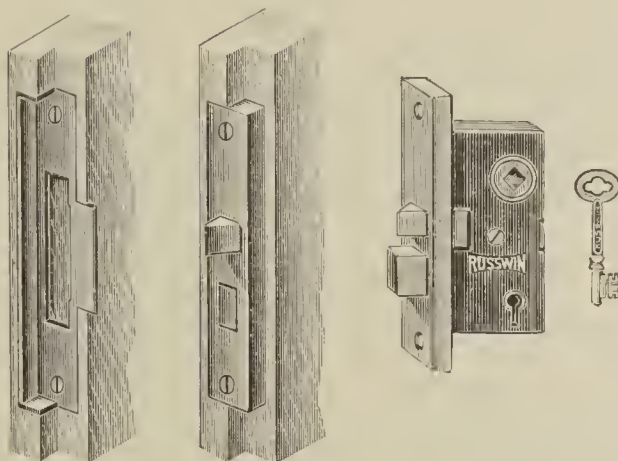
Number
351

Case: $3\frac{5}{8} \times 2\frac{5}{16} \times \frac{9}{16}$ in., Cast Iron, Japanned.
 Front: $5\frac{1}{4} \times \frac{7}{8}$ in., Flat, Wrought Steel.
 Hand: Reversible.
 Backset: Regular, $1\frac{1}{2}$ in., Special, $1\frac{1}{4}$, $1\frac{3}{4}$ in.
 Width of Case is $1\frac{3}{16}$ in. more than the Backset.
 Spacing: $2\frac{3}{16}$ in., Knob Hub: Iron, for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Steel, Type No. 6.
 Bolts: Cast Iron, Latch Construction: Gun Spring on Hub Lever and Latch.
 Tumblers: 1 only, Changes: 12.
 Keys: 1 Steel, Class No. 558 $\frac{3}{4}$, page 350.
 Operation: Latch bolt can be operated by knobs from either side at all times.
 In addition it has a dead bolt operated by keys from either side.

355

Description: Same as No. 351 except has Wrought Brass or Bronze Front and Strike, and Cast Bronze Bolts.
 Operation: Same as No. 351.

354 Rabbeted



Number
354

Case: $3\frac{5}{8} \times 2\frac{5}{16} \times \frac{9}{16}$ in., Cast Iron, Japanned.
 Front: $5\frac{1}{4} \times \frac{7}{8} \times \frac{1}{2}$ in., Rabbeted, Cast Iron.
 Hand: Reversible.
 Backset: Regular, 1 in. Short Side, $1\frac{1}{2}$ in. Long Side. Special, none.
 Spacing: $2\frac{3}{16}$ in., Knob Hub: Iron, for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Steel, Type No. 10E.
 Bolts: Cast Iron, Latch Construction: Type F, page 239.
 Tumblers: 1 only, Changes: 12.
 Keys: 1 Steel, Class No. 558 $\frac{3}{4}$, page 350.
 Operation: Latch bolt can be operated by knobs from either side at all times.
 In addition it has a dead bolt operated by keys from either side.

358 Rabbeted

Description: Same as No. 354 except has Cast Brass or Bronze Front and Bolts, and Wrought Brass or Bronze Strike.
 Hand: Reversible.
 Backset: Regular, 1 in. Short Side, $1\frac{1}{2}$ in. Long Side. Special, none.
 Operation: Same as No. 354.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.
 Specify Number and Finish. Finishes described on pages 16 to 18. Six in a box, with screws.

Narrow Mortise Knob Locks

For French Doors



Number
0055

0055

Case: $3\frac{3}{4} \times 1\frac{5}{8} \times \frac{1}{16}$ in., Cast Iron, Japanned.
 Front: $5 \times 1\frac{1}{16}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 1 in., Special, none.
 Spacing: $2\frac{5}{16}$ in. Knob Hub: Brass, for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Cast Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Flat Coil Spring.
 Tumblers: 1 only, Changes: 24.
 Keys: 1 Steel, Class No. 405 $\frac{1}{2}$, page 351.
 Operation: Latch bolt can be operated by knobs from either side at all times.
 In addition it has a dead bolt operated by keys from either side.

0055 $\frac{3}{4}$

Description: Same as 0055 except has Case $3\frac{7}{8} \times 1\frac{5}{8} \times \frac{5}{8}$ in., Front $5\frac{1}{4} \times 1\frac{1}{16}$ in. Latch Construction: Type DC, 3 Tumblers, 24 Changes, 1 Steel Key, Class No. 407 $\frac{1}{2}$, page 351.

G231

Case: $4 \times 2\frac{1}{4} \times \frac{5}{8}$ in., Cast Iron, Japanned.
 Front: $5\frac{1}{8} \times 1\frac{1}{16}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $1\frac{1}{2}$ in., Special, 1, $1\frac{1}{4}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$ and $2\frac{1}{2}$ in.
 Width of Case is $\frac{3}{4}$ in. more than Backset.
 On 1 in. Backset Case $4\frac{1}{16} \times 1\frac{3}{4} \times 1\frac{1}{16}$ in., Front $6 \times 1\frac{1}{16}$ in.
 Spacing: $2\frac{5}{8}$ in. Knob Hub: Brass for $\frac{5}{16}$ in. Spindle. Turn Knob Hub: Brass for $\frac{3}{16}$ in. Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type G, page 239.
 Keys: None. 1 Turn Knob No. 066 $\frac{1}{2}$.
 Operation: Latch bolt can be operated at all times by lever handle from outside, and by lever handle or knob from inside.
 This lock has the gun spring type of latch construction, which gives a strong action on the hub and an easy action on the latch bolt, making it especially adapted for use with lever handles.
 In addition there is a dead bolt operated by a turn knob from one side only.

G291 Rabbeted

Description: Same as G231 except has Rabbeted Front $5\frac{7}{8} \times 1\frac{1}{16} \times \frac{1}{2}$ in.
 Backset: Regular, $1\frac{1}{2}$ in. Short Side, 2 in. Long Side. Special, 1, $1\frac{1}{4}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$ and $2\frac{1}{2}$ in.
 Short Side, $1\frac{1}{2}$, $1\frac{3}{4}$, $2\frac{1}{4}$, $2\frac{1}{2}$, $2\frac{3}{4}$ and 3 in. Long Side.
 Width of Case is $\frac{3}{4}$ in. more than Short Side Backset.
 Hand: Not reversible, specify hand, page 236.
 Strike: Strike 1 in. Lip to Center, Cast Brass or Bronze, Type No. 6A, Special Strikes, page 340.
 Operation: Same as G231.

0065

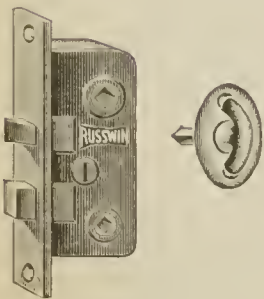
Case: $3\frac{1}{16} \times 2\frac{1}{8} \times \frac{5}{8}$ in., Cast Iron, Japanned.
 Front: $5\frac{1}{4} \times \frac{3}{4}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $1\frac{1}{2}$ in., Special, 1, $1\frac{1}{4}$, $1\frac{3}{4}$ and 2 in.
 Width of Case is $\frac{5}{8}$ in. more than Backset.
 Spacing: $2\frac{3}{16}$ in. Knob Hub: Brass for $\frac{5}{16}$ in. Spindle. Turn Knob Hub: Brass for $\frac{3}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Cast Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Keys: None. 1 Turn Knob No. 066 $\frac{1}{2}$.
 Operation: Latch bolt can be operated at all times by lever handle from outside, and by lever handle or knob from the inside.
 In addition it has a dead bolt operated by turn knob from one side at all times.

0068 Rabbeted

Case: $3\frac{1}{2} \times 2\frac{1}{4} \times \frac{5}{8}$ in., Cast Iron, Japanned.
 Front: $5\frac{1}{4} \times 1 \times \frac{1}{2}$ in. Rabbeted, Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: $1\frac{1}{4}$ in. Short Side, $1\frac{3}{4}$ in. Long Side. Special, none.
 Spacing: $2\frac{3}{16}$ in. Knob Hub: Brass for $\frac{5}{16}$ in. Spindle. Turn Knob Hub: Brass for $\frac{3}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Rabbeted Cast Brass or Bronze, Type No. 6A, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Keys: None. 1 Turn Knob No. 066 $\frac{1}{2}$.
 Operation: Same as No. 0065.



Number
G231



Number
0065

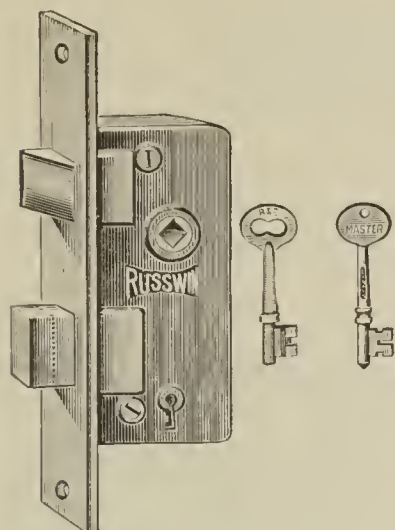
Illustrations One-quarter Size

Specify Number and Finish.

Finishes described on pages 16 to 18.

Half dozen in a box, with screws.

Bit-Key Mortise Knob Locks

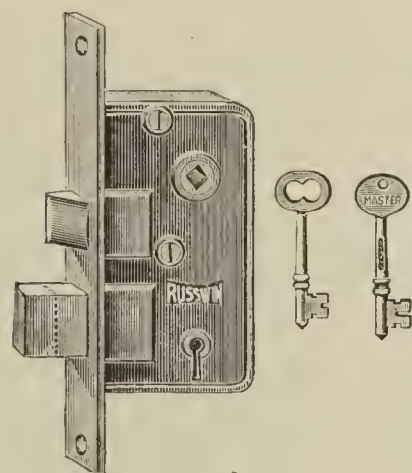


1775, 1775 1/4

1775—1775 1/4 (Double Throw Bolt)

- Case: Japanned Iron 146 x 66 x 17 mm. (5 3/4 x 2 5/8 x 1 1/16 in.).
- Front: Cast Bronze, 208 x 29 mm. (9 x 1 1/8 in.).
- Hand: Reversible: for right or left hand doors.
- Backset: Regular, 40 mm. (1 5/16 in.), Special, 45 mm. (1 3/4 in.); 50 mm. (2 in.); 60 mm. (2 3/8 in.).
- Spacing: Knob to key post, 76 mm. (3 in.).
- Strike: Lip to center, 32 mm. (1 1/4 in.), Type No. 6.
- Bolts: Cast Bronze, Easy Spring Latch Bolt. French Spring on the Hub. Double Throw Dead Bolt. Hub for 3/8 in. Spindle.
- Key: 1 Nickel Plated Steel Key.
- Master-Keying: Can be master-keyed in 250 changes.
- Operation: Latch bolt by knob, or lever handle from either side. Dead bolt by key from either side.

Number	Front	Tumblers	Changes	Hub
1775	Flat	3	1000	3/8
1775 1/4	Flat	3	1000	3/8



1781 to 01784

1781 to 01784 (Double Throw Bolt)

- Case: Japanned Iron, 130 x 65 x 13 mm. (5 1/8 x 2 5/16 x 1/2 in.).
- Front: Wrought steel, 204 x 25 mm. (8 x 1 in.).
- Hand: Reversible: for right or left hand doors.
- Backset: Regular, 40 mm. (1 5/16 in.), Special, 45 mm. (1 3/4 in.); 50 mm. (2 in.).
- Spacing: Knob to key post, 76 mm. (3 in.).
- Strike: Lip to center, 30 mm. (1 3/16 in.), Type No. 6.
- Bolts: Iron, Easy Spring Latch Bolt. French Spring on the Hub. Double Throw Dead Bolt. Hub for 5/16 in. Spindle.
- Key: 1 Nickel Plated Steel Key.
- Master-Keying: 1782, 01782 and 01784 can be master-keyed in 250 changes.
- Operation: Latch bolt by knob, or lever handle from either side. Dead bolt by key from either side.
- Reversible Hub: Regularly furnished with hub on the diamond. To reverse, so the hub will be on the square, remove the cap, lift up the hub and turn it over.

Illustrations One-quarter Size

Number	Front	Bolts	Tumblers	Changes
1781	Wrought Steel	Iron	1	30
1782	Wrought Steel	Iron	3	50
01781	Wrought Steel	Iron	1	30
01782	Wrought Steel	Iron	3	50
01784	Wrought Bronze	Cast Bronze	3	50

Specify Number and Finish.

Finishes described on pages 16 to 18.

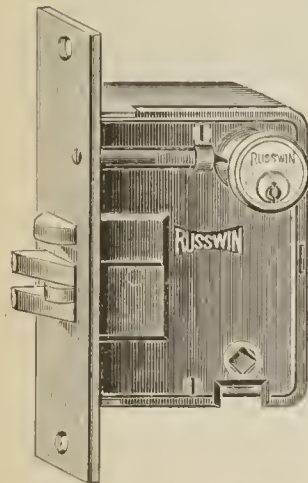
One in a box, with screws.

Cylinder Mortise Locks

For Use with Fire Exit Bolts

See pages 393 to 433

All Fire Exit Bolts Operate the Latch Bolts with a Rotary Action



Number
9452

9452

- Case:** 5 1/4 x 3 1/16 x 7/8 in., Cast Iron, Japanned.
Front: 8 x 1 1/4 in., Flat Beveled 1/8 on 2 in., Cast Brass or Bronze.
Hand: Not reversible. Specify hand, page 236.
Backset: Regular, 2 3/4 in., Special, none.
Spacing: 4 1/4 in. Knob Hub: Brass, for 3/8 in. Spindle.
Strike: 1 1/4 in. Lip to Center, Cast Brass or Bronze, Box only, Type No. 15, page 340.
Bolts: Cast Bronze, Latch Construction: Type SC, page 239.
Cylinder: 1, No. 8, 6 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: Latch bolt can be operated from inside at all times by the slightest pressure on bar or lever pad, and by thumb piece from outside, except when it is deadlocked by key. The thumb piece is automatically deadlocked when latch bolt is withdrawn by key and when thus locked remains so until unlocked by a reverse throw of key. When thumb piece is locked, latch bolt may be held in a retracted position by pushing latch bolt in with finger and turning key toward back of lock.

Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike.

9452 1/2

Description: Same as 9452, except has 2 No. 8 Cylinders. The inside cylinder locks and unlocks the thumb piece and operates to hold the latch in a retracted position. The outside cylinder only retracts the latch.

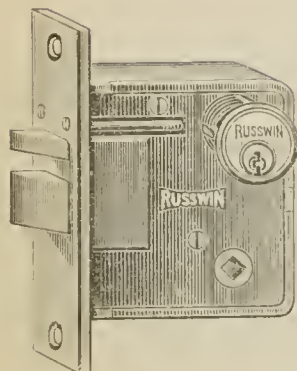
9458

Description: Same as 9452, except operations by thumb piece as noted above are performed by knob from outside.

Spacing: 3 5/8 in.

9458 1/2

Description: Same as 9458, except has 2 No. 8 Cylinders. The inside cylinder locks and unlocks the knob and operates to hold the latch in a retracted position. The outside cylinder only retracts the latch.



Number
0442

0442

- Case:** 4 1/8 x 3 3/4 x 7/8 in., Cast Iron, Japanned.
Front: 6 x 1 3/16 in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 2 3/4 in., Special, none.
Spacing: 2 1/2 in. Knob Hub: Brass, for 3/8 in. Spindle.
Strike: 1 1/4 in. Lip to Center, Wrought Brass or Bronze, Type 4B, Special Strikes, page 340.
Bolts: Cast Bronze, Latch Construction: Type SC, page 239.
Cylinder: 1, No. 8, 6 Pins, Changes practically unlimited.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: Latch bolt can be operated from inside at all times by the slightest pressure on bar or lever pad, and by key from outside. Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike.

Illustrations One-quarter Size

Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Bit-Key Mortise Locks

For Use with Fire Exit Bolts

See Pages 393 to 433

All Fire Exit Bolts Operate the Latch Bolts with a Rotary Action



Number
0444 $\frac{3}{4}$

0444 $\frac{3}{4}$

- Case: $5\frac{1}{2} \times 3\frac{3}{4} \times \frac{3}{4}$ in., Cast Iron, Japanned.
- Front: $7\frac{3}{8} \times 1\frac{1}{8}$ in., Flat, Cast Brass or Bronze.
- Hand: Reversible.
- Backset: Regular, $2\frac{3}{4}$ in., Special, none.
- Spacing: $2\frac{5}{8}$ in. Knob Hub: Brass for $\frac{5}{16} \times \frac{3}{8}$ in. Swivel Spindle ($\frac{5}{16}$ in. outside).
- Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 4B, Special Strikes, page 340.
- Bolts: Cast Bronze, Latch Construction: Type CL, page 239.
- Tumblers: 3, Changes: 48, not master-keyed.
- Keys: 1 Steel Key, Class No. 871, page 349.
- Master-Keying: Can be master-keyed in 3 sets of 100 each or less, all different, with master key for each and grand-master key for all, or 1 set of 300, all different.
- Operation: Latch bolt can be operated from inside at all times by the slightest pressure on bar or lever pad, and by knob from outside, except when it is deadlocked by key. When knob is unlocked, the auxiliary latch is held in a retracted position. When knob is locked, the auxiliary latch is released, and it automatically deadlocks and safeguards the latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike.



Number
0445 $\frac{3}{4}$

0445 $\frac{3}{4}$

- Case: $6\frac{7}{16} \times 3\frac{7}{8} \times 1\frac{1}{16}$ in., Cast Iron, Japanned.
- Front: $8\frac{3}{8} \times 1$ in., Flat, Cast Brass or Bronze.
- Hand: Reversible.
- Backset: Regular, $2\frac{3}{4}$ in., Special, none.
- Spacing: $3\frac{5}{8}$ in. Knob Hub: Brass for $\frac{3}{8}$ in. Spindle.
- Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 4B, Special Strikes, page 340.
- Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
- Tumblers: 3, Changes: 48, not master-keyed.
- Keys: 1 Steel Key, Class No. 471 (Special Long Key), to operate through No. 168 Fire Exit Bolt Case.
- Master-Keying: Can be master-keyed in 3 sets of 100 each or less, all different, with master key for each and grand master key for all, or 1 set of 300, all different.
- Operation: Latch bolt can be operated from the inside at all times by slightest pressure on bar or lever pad.
Latch bolt and auxiliary latch can be held retracted by key operated through fire exit bolt case on inside.
The auxiliary latch automatically deadlocks and safeguards the latch bolt, preventing it from being retracted by any instrument inserted between the face of the lock and strike.
For doors thicker than $1\frac{3}{4}$ inches, the lock should be mortised off center in the same relative position to the fire exit bolt that it would be if applied to a $1\frac{3}{4}$ inch door.

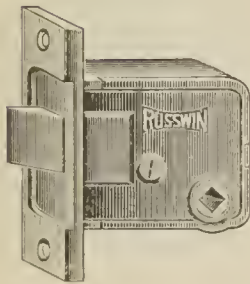
Illustrations One-quarter Size

Mortise Latches

For Use with Fire Exit Bolts

See Pages 393 to 433

All Fire Exit Bolts Operate the Latch Bolts with a Rotary Action



Number
0440

0440

Case: $2\frac{5}{8} \times 3\frac{3}{8} \times 1\frac{1}{16}$ in., Cast Iron, Japanned.

Front: $4\frac{7}{16} \times 1\frac{5}{16}$ in., Recessed, Cast Brass or Bronze.

Hand: Not reversible, specify hand, page 236.

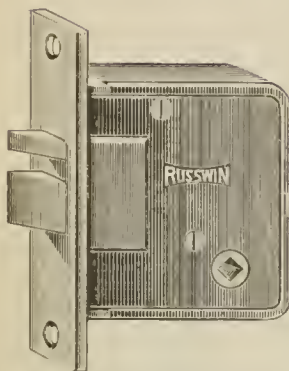
Backset: Regular, $2\frac{1}{16}$ in., Special, none.

Knob Hub: Brass for $\frac{3}{8}$ in. Spindle.

Strike: $1\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 4C.

Bolts: Cast Bronze, Latch Construction: Type SC, page 239.

Operation: Latch bolt can be operated from inside at all times by the slightest pressure on bar or lever pad. If outside trim is used, latch bolt can be operated from outside at all times by knob.



Number
0441

0441

Case: $4\frac{1}{8} \times 3\frac{3}{4} \times \frac{7}{8}$ in., Cast Iron, Japanned.

Front: $6 \times 1\frac{3}{16}$ in., Flat, Cast Brass or Bronze.

Hand: Reversible.

Backset: Regular, $2\frac{3}{4}$ in., Special, none.

Knob Hub: Brass for $\frac{3}{8}$ in. Spindle.

Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 4B.

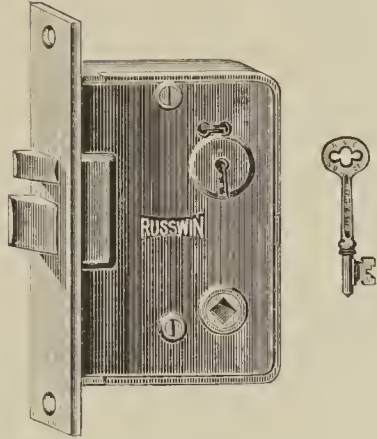
Bolts: Cast Bronze, Latch Construction: Type SC, page 239.

Operation: Latch bolt can be operated from inside at all times by the slightest pressure on bar or lever pad. Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. If outside trim is used, latch bolt can be operated from outside at all times by knob.

Illustrations One-quarter Size

School House Locks

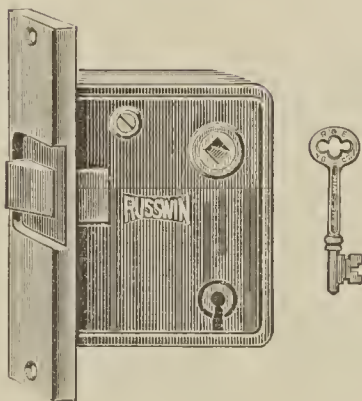
444³/₄



Number
444³/₄

- Case:** 5¹/₂ x 3³/₄ x ³/₄ in., Cast Iron, Japanned.
- Front:** 7³/₈ x 1¹/₈ in., Flat, Cast Brass or Bronze.
- Hand:** Reversible.
- Backset:** Regular, 2³/₄ in., Special, none.
- Spacing:** 2⁵/₈ in., Knob Hub: Brass, for ³/₈ x ⁵/₁₆ in. Swivel Spindle (³/₈ inch outside).
- Strike:** 1¹/₄ in. Lip to Center, Wrought Brass or Bronze, Type No. 4B, Special Strikes, page 340.
- Bolts:** Cast Bronze, Latch Construction: Type CL, page 239.
- Tumblers:** 3, Changes: 48, not master-keyed.
- Keys:** 1 Steel, Class No. 871, page 349.
- Master-Keying:** Can be master-keyed in 6 sets of 50 or 3 sets of 100 each or less, all different, with master key for each and grand-master key for all, or 1 set of 300 all different.
- Operation:** Latch bolt can be operated by knobs from either side, except when outside knob is locked by key from either side. When knob is unlocked the auxiliary latch is held in a retracted position. When knob is locked the auxiliary latch is released and it automatically deadlocks and safeguards the latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike.

00125



Number
00125

- Case:** 4¹/₂ x 3⁷/₈ x ⁵/₈ in., Cast Iron, Japanned.
- Front:** 6¹/₂ x 1 in., Recessed, Cast Brass or Bronze.
- Hand:** Not reversible, specify hand, page 236.
- Backset:** Regular, 2⁷/₈ in., Special, none.
- Spacing:** 2⁵/₈ in. Knob Hub: Brass, for ⁵/₁₆ in. Swivel Spindle.
- Strike:** 1¹/₄ in. Lip to Center, Cast Brass or Bronze, Type No. 4C, Special Strikes, page 340.
- Bolts:** Cast Bronze, Latch Construction: Type CL, page 239.
- Tumblers:** 3, Changes: 48, not master-keyed.
- Keys:** 1 Steel, Class No. 871, page 349.
- Master-Keying:** Can be master-keyed in 6 sets of 50 or 3 sets of 100 each or less, all different, with master key for each and grand-master key for all, or 1 set of 300 all different.
- Operation:** Latch bolt by knobs from either side, except when outside knob is locked rigid by key from either side. Inside knob free to operate at all times. Recess front safeguards latch bolt and prevents it from being retracted by any instrument inserted between face of lock and strike.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.

Specify Number and Finish.

Finishes described on pages 16 to 18.

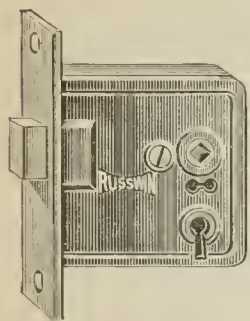
One in a box, with screws.

Mortise Dead Locks

0783M

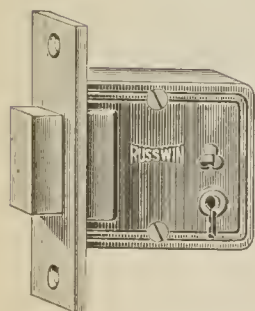
Especially Adapted for School House (Class Room) Doors

When used with Door Closers, Push and Pull Plates

Number
0783M

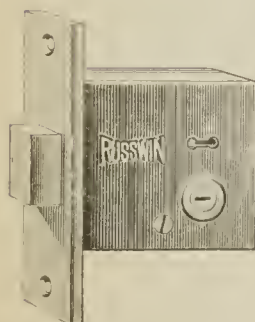
- Case: $3\frac{1}{4} \times 3\frac{1}{2} \times \frac{5}{8}$ in. Cast Iron, Japanned.
 Front: $5\frac{1}{4} \times 1\frac{1}{8}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{3}{4}$ in., Special, none.
 Hub, Brass, for $\frac{3}{16}$ in. Spindle.
 Strike: No Lip, Cast Brass or Bronze, Type No. 5.
 Bolt: Cast Bronze.
 Tumblers: 3, Changes: 48, not master-keyed.
 Keys: 1 Steel, Class No. 871, page 349, 1 Turn Knob No. 066 $\frac{1}{2}$.
 Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master key for each and grand master key for all, or 1 set of 300 all different.
 Operation: Dead bolt can be operated by key from outside and by turn knob from inside. The turn knob will withdraw dead bolt from the inside, but will not project it.

0786

Number
0786

- Case: $2\frac{7}{8} \times 3\frac{3}{8} \times \frac{3}{4}$ in., Cast Iron, Japanned.
 Front: $5\frac{1}{8} \times 1\frac{1}{8}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{5}{8}$ in., Special, $1\frac{1}{2}$ in.
 Width of Case is $\frac{3}{4}$ in. more than Backset.
 Strike: No Lip, Cast Brass or Bronze, Type No. 5.
 Bolts: Cast Bronze.
 Tumblers: 4, Changes: 1000.
 Keys: 1 Steel, Class No. 557, page 350.
 Master-Keying: Can be master-keyed in 20 sets of 50 each or less, all different, with master key for each and grand master key for all, or 1 set of 1000 all different.
 Operation: Dead bolt can be operated by keys from either side.

0787

Number
0787

- Case: $2\frac{1}{2} \times 3 \times \frac{5}{8}$ in., Cast Iron, Japanned.
 Front: $4\frac{1}{4} \times 1\frac{1}{8}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2 in., Special, none.
 Strike: No Lip, Cast Brass or Bronze, Type No. 5.
 Bolts: Cast Bronze.
 Tumblers: 3, Changes: 60.
 Keys: 2 Steel, Class No. 540, page 351.
 Operation: Dead bolt can be operated by keys from either side. Lock is furnished with two escutcheons No. 923, Fenwick.
 Keying: Can be keyed alike with Locks 139, 139 $\frac{1}{2}$, 7139, 7139 $\frac{1}{2}$.

Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having same key system, see page 356.

Specify Number and Finish.

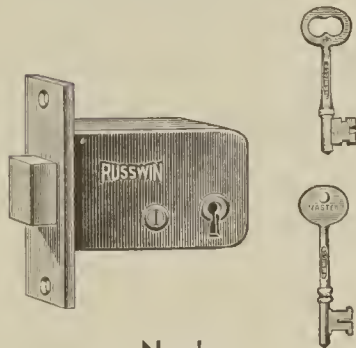
Finishes described on pages 16 to 18.

Three in a box, with screws.

Mortise Dead Locks

076

Case: $2\frac{1}{4} \times 3\frac{1}{4} \times \frac{5}{8}$ in., Cast Iron, Japanned.
 Front: $3\frac{3}{4} \times 1$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{2}$ in., Special, none.
 Strike: No Lip, Wrought Brass or Bronze, Type No. 5.
 Bolt: Cast Bronze.
 Tumbler: 1, Changes: 12.
 Keys: 1 Steel, Class No. 562, page 350.
 Operation: Dead bolt can be operated by keys from either side.



Number
076
078

076 $\frac{3}{4}$

Description: Same as No. 076, except has 3 steel tumblers, 36 changes, not master-keyed. 1 Steel Key, Class No. 563, page 350.
 Master-Keying: Can be master-keyed in 3 sets of 100 each or less, all different with master-key for each and grand master-key for all, or 1 set of 300 all different.
 Operation: Same as No. 076.

078

Case: $2\frac{1}{4} \times 3\frac{1}{2} \times \frac{5}{8}$ in., Cast Iron, Japanned.
 Front: $4\frac{1}{8} \times 1$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{3}{4}$ in., Special, $1\frac{5}{8}$, 2, $2\frac{1}{4}$, $2\frac{1}{2}$ and $3\frac{1}{2}$ in. Width of Case is $\frac{3}{4}$ in. more than Backset.
 Strike: No Lip, Cast Brass or Bronze, Type No. 5.
 Bolt: Cast Bronze.
 Tumbler: 1, Changes: 24.
 Keys: 1 Steel, Class No. 870, page 349.
 Operation: Dead bolt can be operated from either side by key.

078 $\frac{3}{4}$

Description: Same as No. 078, but has 3 steel tumblers, 36 changes, not master-keyed, 1 Steel Key, Class No. 871, page 349.
 Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master-key for each and grand master-key for all, or 1 set of 300 all different.
 Operation: Same as No. 078.

074



Number
074

Case: $1\frac{7}{8} \times 2\frac{1}{16} \times \frac{9}{16}$ in., Cast Iron, Japanned.
 Front: $3\frac{1}{8} \times 1\frac{3}{16}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2 in., Special, $1\frac{1}{16}$ and $1\frac{1}{2}$ in. Width of Case is $\frac{1}{16}$ in. more than Backset.
 Strike: No Lip, Wrought Brass or Bronze, Type No. 5.
 Bolt: Cast Bronze.
 Tumbler: 1, Changes: 12.
 Keys: 1 Steel, Class No. 405 $\frac{1}{2}$, page 351.
 Operation: Dead bolt can be operated by key from either side.

074 $\frac{3}{4}$

Description: Same as No. 074, except has 3 tumblers, 24 changes, 1 Steel Key, Class No. 407 $\frac{1}{2}$, page 351.
 Master-Keying: Cannot be master-keyed.
 Operation: Same as No. 074.

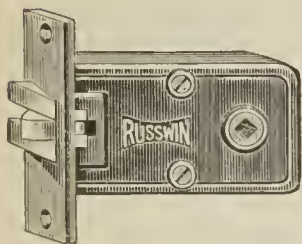
Illustrations One-quarter Size

Inter-keying Locks: For other types of locks having the same key system, see page 356.
 Specify Number and Finish. Finishes described on pages 16 to 18. Half dozen in a box with screws.

Mortise Knob Latches

028*

Especially Adapted for Class "B" Fire Tower Doors

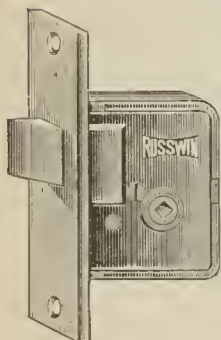


Number
028*

Case: $2\frac{1}{4} \times 3\frac{9}{16} \times \frac{3}{4}$ in., Cast Iron, Japanned.
 Front: $4 \times 1\frac{1}{4}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{3}{4}$ in., Special, none.
 Knob Hub: Brass, for $\frac{5}{16}$ in. Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolt: Cast Bronze, Latch Construction: Type DC, page 239.
 Operation: Latch bolt, which is of the anti-friction type, insuring easy action, has a $\frac{3}{4}$ -in. throw, making it especially adapted for Class "B" fire tower doors and can be operated by knobs from either side at all times.

*When wanted for Hollow Metal Doors made to Standardized Template specify No. 6028 Case $6 \times 4\frac{1}{4} \times 1\frac{13}{16}$ in., see page 258.

F046



Number
F046

Case: $3\frac{1}{8} \times 2\frac{1}{2} \times \frac{3}{4}$ in., Cast Iron, Japanned.
 Front: $5\frac{1}{2} \times 1\frac{1}{4}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $1\frac{1}{2}$ in., Special, 2 and $2\frac{1}{2}$ in.
 Width of Case is 1 in. more than Backset.
 Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolt: Cast Bronze, Latch Construction: Type F, page 239.
 Operation: Latch bolt can be operated by knobs from either side at all times.

G024



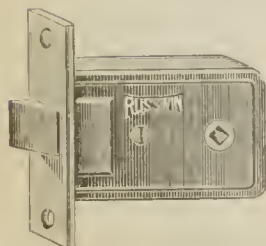
Number
G024

Case: $2\frac{1}{2} \times 2\frac{3}{4} \times \frac{5}{8}$ in., Cast Iron, Japanned.
 Front: $4\frac{1}{8} \times \frac{7}{8}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, 2 in., Special, 1 and $1\frac{1}{2}$ in.
 Width of Case is $\frac{3}{4}$ in. more than Backset.
 Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolt: Cast Bronze, Latch Construction: Gun Spring on hub.
 Operation: Latch bolt can be operated by knobs from either side at all times.

G024 $\frac{1}{2}$ Rabbeted

Case: $2\frac{1}{2} \times 2\frac{3}{4} \times \frac{5}{8}$ in., Cast Iron, Japanned.
 Front: $4\frac{1}{8} \times \frac{7}{8} \times \frac{1}{2}$ in., Cast Brass or Bronze.
 Hand: Not reversible. Specify hand, page 236.
 Backset: Regular, 2 in. Short Side, $2\frac{1}{2}$ in. Long Side; Special, 1 and $1\frac{1}{2}$ in. Short Side, $1\frac{1}{2}$ and 2 in. Long Side.
 Width of Case is $\frac{3}{4}$ in. more than the Short Side Backset.
 Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Cast Brass or Bronze, Type No. 4D, Special Strikes, page 340.
 Bolt: Cast Bronze, Latch Construction: Gun Spring on hub.
 Operation: Latch bolt can be operated by knobs from either side at all times.

025*



Number
025*

Case: $2\frac{1}{4} \times 3\frac{1}{2} \times \frac{3}{4}$ in., Cast Iron, Japanned.
 Front: $4 \times 1\frac{1}{8}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{3}{4}$ in., Special, $2\frac{1}{4}$ and 3 in.
 Width of Case is $\frac{3}{4}$ in. more than the Backset.
 Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolt: Cast Bronze, Latch Construction: Type DC, page 239.
 Operation: Latch bolt can be operated by knobs from either side at all times.
 *When wanted for Hollow Metal Doors made to Standardized Template specify No. 6025, Case $5\frac{3}{4} \times 3\frac{3}{4} \times \frac{3}{4}$ in., see page 258.

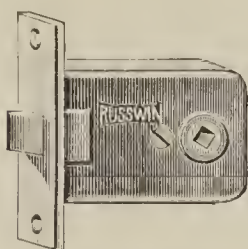
Illustrations One-quarter Size

Specify Number and Finish.

Finishes described on pages 16 to 18.

Half dozen in a box, with screws.

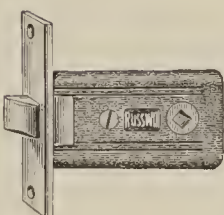
Mortise Knob Latches



Number
026

026

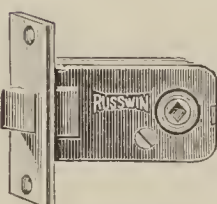
Case: $1\frac{5}{8} \times 3\frac{1}{2} \times \frac{5}{8}$ in., Cast Iron, Japanned.
 Front: $3\frac{1}{4} \times \frac{7}{8}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{3}{4}$ in., Special, 2, $2\frac{1}{4}$, $2\frac{1}{2}$ and 3 in.
 Width of Case is $\frac{3}{4}$ in. more than Backset.
 Knob Hub: Brass, Compensating, for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolt: Cast Bronze, Latch Construction: Type SC, page 239.
 Operation: Latch bolt can be operated by knobs from either side at all times.



Number
039

039

Case: $1\frac{3}{4} \times 3\frac{3}{8} \times \frac{9}{16}$ in., Cast Iron, Wrinkled Green.
 Front: $3\frac{3}{8} \times 1\frac{1}{16}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{2}$ in., Special, $2\frac{3}{4}$ in.
 Width of Case is $\frac{3}{4}$ in. more than Backset.
 Knob Hub: Iron for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolt: Cast Bronze, Latch Construction: Type DC, page 239.
 Operation: Latch bolt can be operated by knobs from either side at all times.



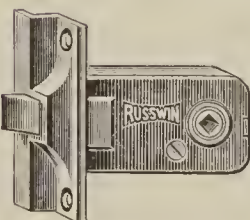
Number
021
042

021

Case: $1\frac{3}{4} \times 3\frac{3}{8} \times \frac{9}{16}$ in., Cast Iron, Japanned.
 Front: $3\frac{1}{2} \times 1\frac{1}{16}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{2}$ in., Special, none.
 Knob Hub: Iron for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolt: Cast Bronze, Latch Construction: Type CL, page 239.
 Operation: Latch bolt can be operated by knobs from either side at all times.

030½ Rabbeted

Case: $1\frac{3}{4} \times 3\frac{3}{16} \times \frac{5}{8}$ in., Cast Iron, Japanned.
 Front: $3\frac{7}{16} \times 1 \times \frac{1}{2}$ in., Rabbeted, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{2}$ in. Short Side, 3 in. Long Side. Special, $2\frac{1}{8}$ in. Short Side, $2\frac{5}{8}$ in. Long Side. Width of Case is $1\frac{1}{16}$ in. more than Short Side Backset.
 Knob Hub: Iron for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Cast Brass or Bronze, Type No. 4D, Special Strikes, page 340.
 Bolt: Cast Bronze, Latch Construction: Type SC, page 239.
 Operation: Latch bolt can be operated by knobs from either side at all times.



Number
030½

042

Case: $1\frac{9}{16} \times 3 \times \frac{9}{16}$ in., Cast Iron, Japanned.
 Front: $3\frac{1}{4} \times 1\frac{5}{16}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{2}$ in., Special, $2\frac{3}{4}$ in.
 Width of Case is $\frac{1}{2}$ in. more than Backset.
 Knob Hub: Iron for $\frac{5}{16}$ in. Spindle.
 Strike: 1 in. Lip to Center, Wrought Brass or Bronze, Type No. 4, Special Strikes, page 340.
 Bolt: Cast Bronze, Latch Construction: Type SC, page 239.
 Operation: Latch bolt can be operated by knobs from either side at all times.

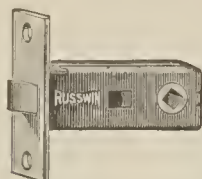
Illustrations One-quarter Size

Specify Number and Finish.

Finishes described on pages 16 to 18.

Half dozen in a box, with screws.

Mortise Knob Latches



Number
1030

1030
Case: $1\frac{3}{16} \times 3\frac{1}{8} \times \frac{9}{16}$ in., Wrought Steel, Japanned.
Front: $3 \times \frac{7}{8}$ in., Flat, Wrought Steel, Lacquered.
Hand: Reversible.
Backset: Regular, $2\frac{9}{16}$ in., Special, none.
Knob Hub: Iron for $\frac{5}{16}$ in. Spindle.
Strike: 1 in. Lip to Center, Wrought Steel, Lacquered, Type No. 4.
Bolt: Cast Iron, Latch Construction: Type SC, page 239.
Operation: Latch bolt can be operated from either side at all times.

01030

Description: Same as No. 1030, except Front is plated.
Operation: Same as No. 1030.

01041

Description: Same as No. 01030, except Front, Bolt and Strike are Brass or Bronze.
Operation: Same as No. 1030.



Number
023

023
Case: $1\frac{1}{2} \times 2\frac{1}{8} \times \frac{9}{16}$ in., Cast Iron, Japanned.
Front: $3\frac{1}{4} \times 1\frac{3}{16}$ in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, $1\frac{1}{2}$ in., Special, $1\frac{3}{4}$, 2 and $2\frac{1}{4}$ in.
 Width of Case is $\frac{5}{8}$ in. more than Backset.
Knob Hub: Brass, for $\frac{5}{16}$ in. Spindle.
Strike: 1 in. Lip to Center, Wrought Brass or Bronze, Type No. 4.
Bolt: Cast Bronze, Latch Construction: Type SC, page 239.
Operation: Latch bolt can be operated by knobs from either side at all times.

050



Number
050

Case: $2\frac{1}{16} \times 1\frac{7}{16} \times \frac{1}{2}$ in., Cast Iron, Japanned.
Front: $3\frac{9}{16} \times \frac{3}{4}$ in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 1 in. Special, $1\frac{1}{4}$ in.
 Width of Case is $\frac{7}{16}$ in. more than Backset.
Knob Hub: Brass, for $\frac{3}{16}$ in. Spindle.
Strike: $\frac{3}{4}$ in. Lip to Center, Wrought Brass or Bronze, Type No. 4.
Bolt: Cast Bronze.
Operation: Latch bolt can be operated by knobs from either side at all times.

095

Case: $1\frac{5}{8} \times 1\frac{1}{8} \times \frac{3}{8}$ in., Cast Iron, Japanned.
Front: $2\frac{7}{8} \times \frac{1}{2}$ in., Flat, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, $\frac{3}{4}$ in., Special, none.
Knob Hub: Brass, for $\frac{3}{16}$ in. Spindle.
Strike: 1 in. Lip to Center, Cast Brass or Bronze, Type No. 4.
Bolt: Cast Bronze, Latch Construction: Type DC, page 239.
Operation: Latch bolt can be operated by knobs from either side at all times.

052 Rabbeted



Number
052

Case: $2 \times 1\frac{7}{16} \times \frac{3}{8}$ in., Cast Iron, Japanned.
Front: $3\frac{1}{16} \times 1\frac{5}{16} \times \frac{3}{8}$ in., Rabbeted, Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 1 in. Short Side, $1\frac{3}{8}$ in. Long Side, Special, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, $1\frac{1}{4}$ and $1\frac{3}{8}$ in.
 Short Side, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{5}{8}$ and $1\frac{3}{4}$ in. Long Side.
 Width of Case is $\frac{7}{16}$ in. more than Short Side Backset.
Knob Hub: Brass, for $\frac{3}{16}$ in. Spindle.
Strike: 1 in. Lip to Center, Cast Brass or Bronze, Type No. 4D.
Bolt: Cast Bronze.
Operation: Latch bolt can be operated by knobs from either side at all times.

052 $\frac{1}{2}$ Rabbeted

Description: Same as No. 052 except Case $2 \times 2\frac{1}{4} \times \frac{1}{2}$ in., Front $3\frac{1}{2} \times \frac{7}{8} \times \frac{1}{2}$ in. Rabbeted.
Backset: Regular, $1\frac{1}{4}$ in. Short Side, $1\frac{3}{4}$ in. Long Side, Special, none.
Knob Hub: Brass, for $\frac{5}{16}$ in. Spindle.
Operation: Same as No. 052.

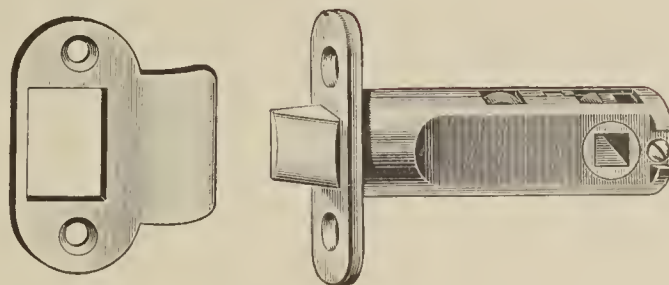
Illustrations One-quarter Size

Specify Number and Finish.

Finishes described on pages 16 to 18.

Half dozen in a box, with screws.

Tubular Latches



500

Illustration One-Half Size

Pages 115 New to 118D illustrate Trim to be used with this Latch

500

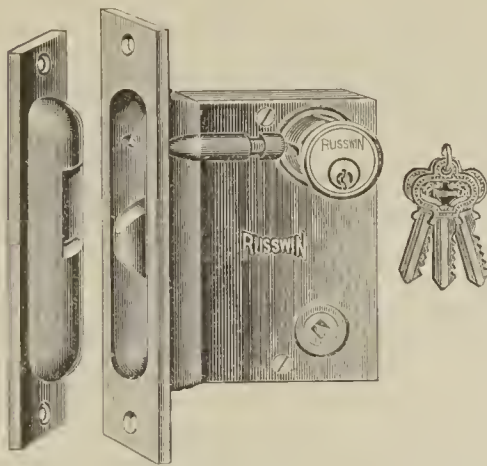
- Case: $\frac{7}{8} \times 2\frac{7}{8}$ in., Die Cast, Bore $1\frac{5}{16}$ in. Diameter Hole.
- Front: $2\frac{1}{2} \times 1$ in., Flat, Wrought Brass or Bronze.
- Hand: Reversible.
- Backset: Regular, $2\frac{3}{8}$ in.
- Knob Hub: Die Cast, for $\frac{5}{16}$ in. Spindle on the Square.
- Strike: $1\frac{1}{8}$ in. Lip to Center, Wrought Brass or Bronze.
- Bolt: Die Cast, Compression Spring, Easy Latch.
- Operation: Latch Bolt can be operated by Knobs from either side at all times.

Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Mortise Sliding Door Locks



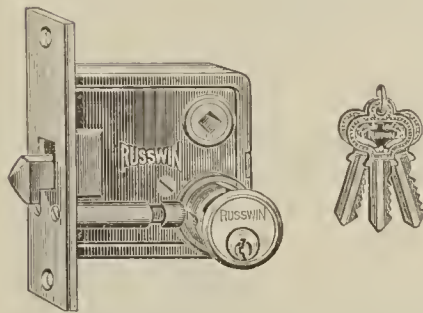
Number
0338

0338

- Case:** 5 x 4 x $\frac{3}{4}$ in., Cast Iron, Japanned.
Front: 8 x $1\frac{3}{8}$ in., Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, 3 in., Special, $3\frac{1}{2}$, 4, $4\frac{1}{2}$, 5, 7 in.
 Width of Case is 1 in. more than the Backset.
Spacing: $3\frac{1}{4}$ in. Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
Strike: Cast Brass or Bronze.
Bolts: Cast Bronze.
Cylinder: 2 No. 1, 6 Pins, Changes practically unlimited, page 341. Specify thickness of door and trim.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed as desired with other Russwin Cylinder Locks, page 355.
Operation: Latch bolt can be operated by drop handle from either side, except when they are locked by keys from either side.

0338 $\frac{1}{4}$

- Description:** Same as 0338, except has cylinder on outside, turn knob inside.
Operation: Latch bolt can be operated by drop handle from either side, except when they are locked by key from outside or turn knob inside.



Number
1394

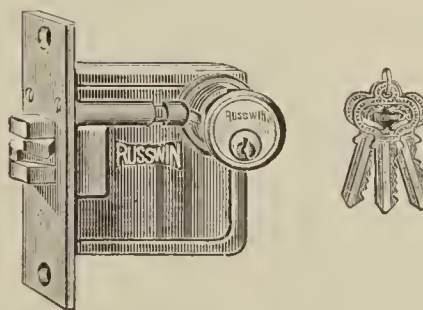
1394

- Case:** $3\frac{1}{4}$ x $3\frac{1}{2}$ x $\frac{3}{4}$ in., Cast Iron, Japanned.
Front: 5 x $1\frac{1}{16}$ in., Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, $2\frac{3}{4}$ in., Special, 2 in.
 Width of Case is $\frac{3}{4}$ in. more than the Backset.
Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
Strike: Cast Brass or Bronze, Type No. 5.
Bolts: Cast Bronze.
Cylinder: No. 1, 6 Pins, Changes practically unlimited, page 341. Specify thickness of door and trim.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed as desired with other Russwin Cylinder Locks, page 355.
Operation: Latch is operated by key from outside, and by drop handle No. 053 from inside.

1394 $\frac{1}{2}$

- Description:** Same as 1394, except has two cylinders, No. 1.
Operation: Same as 1394, except Latch is operated by cylinder from either side.

1385



Number
1385

- Case:** $3\frac{1}{4}$ x $3\frac{5}{8}$ x $\frac{3}{4}$ in., Cast Iron, Japanned.
Front: $5\frac{5}{16}$ x $1\frac{5}{16}$ in., Cast Brass or Bronze.
Hand: Reversible.
Backset: Regular, $2\frac{3}{4}$ in., Special, 2, $2\frac{1}{4}$ in.
 Width of Case is $\frac{7}{8}$ in. more than the Backset.
Hub: Brass for $\frac{3}{16}$ in. Spindle.
Strike: Cast Brass or Bronze, Type No. 5.
Bolts: Cast Bronze.
Cylinders: 1 No. 1, 6 Pins, Changes practically unlimited, page 341. Specify thickness of door and trim.
Keys: 3 Liberty Silver, Class No. 852, page 346.
Master-Keying: Can be master-keyed as desired with other Russwin Cylinder Locks, page 355.
Operation: Dead bolt can be operated by key from outside, and by drop handle No. 053 from inside.

1385 $\frac{1}{2}$

- Description:** Same as 1385, except has two cylinders.
Operation: Same as 1385, except bolt is operated by cylinder from either side.

Illustrations One-quarter Size

Specify Number and Finish.

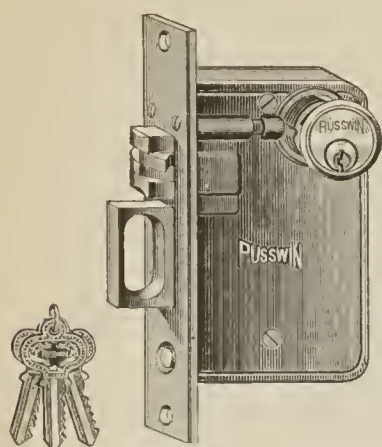
For Escutcheons, see page 235.

Finishes described on pages 16 to 18.

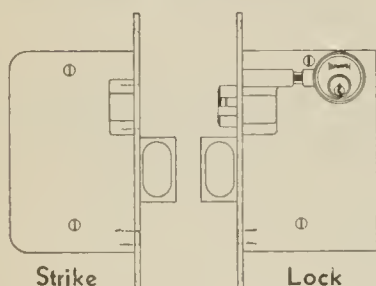
One in a box, with screws.

Mortise Sliding Door Locks

Illustrations One-quarter Size



Number 1334 1334½



Outline of 1334

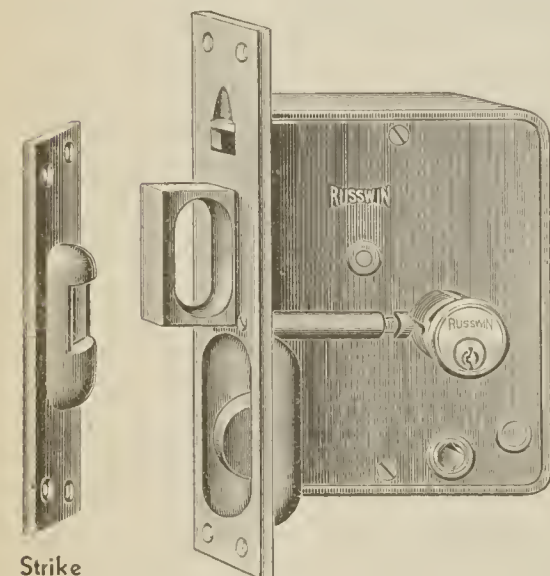
1334

- Case:** 5 $\frac{3}{8}$ x 3 $\frac{3}{4}$ x 1 $\frac{1}{16}$ in., Cast Iron, Japanned.
- Front:** 7 $\frac{1}{2}$ x 1 $\frac{1}{16}$ in., Flat, Cast Brass or Bronze.
- Hand:** Reversible.
- Backset:** Regular, 2 $\frac{3}{4}$ in., Special, 2, 2 $\frac{1}{4}$, 2 $\frac{1}{2}$, 3, 3 $\frac{1}{4}$, 3 $\frac{1}{2}$, 3 $\frac{3}{4}$, 4, 4 $\frac{1}{4}$, 4 $\frac{5}{8}$, 4 $\frac{7}{8}$, 5 $\frac{1}{4}$, 6 in. Width of Case 1 in. more than Backset on all Backsets, except 2 and 2 $\frac{1}{4}$ in. which is 1 $\frac{1}{2}$ in. more than Backset.
- Strike:** Cast Brass or Bronze Front, Cast Iron Case with Pull. Case 5 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 1 $\frac{1}{16}$ in., Front 7 $\frac{1}{2}$ x 1 $\frac{1}{16}$ in.
- Bolts:** Cast Bronze.
- Cylinder:** 2 No. 1, 6 Pins, Changes practically unlimited. Specify thickness of door and trim.
- Keys:** 3 Liberty Silver, Class No. 852, page 346.
- Master-Keying:** Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
- Operation:** The bolt can be operated by key from both sides. If desired a turn piece can be furnished in place of cylinder on one side. The stop in face of lock will project grip or pull. Used on double doors.

1334½

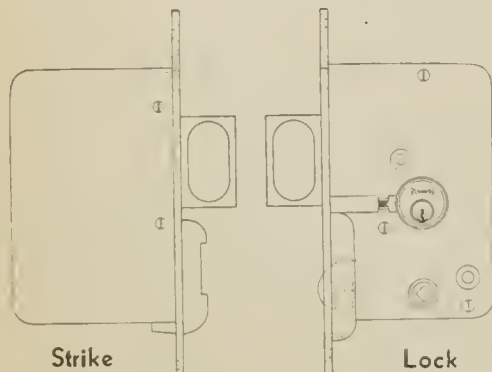
Description: Same construction and operation as 1334. Lock is used on single doors. Strike is flat, Type No. 5, page 338.

0339



Strike
For
0339½

Number 0339 0339½



Strike

Lock

Outline of 0339

0339½

Description: Same construction and operation as 0339. Lock is used on single doors. Strike is flat.

For Escutcheons, see page 235.

Specify Number and Finish.

Finishes described on pages 16 to 18.

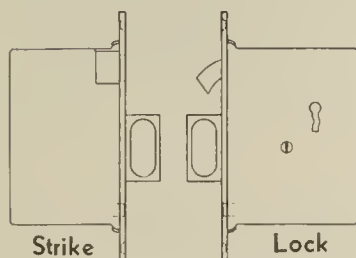
One in a box, with screws.

Mortise Sliding Door Locks

Illustrations One-quarter Size



Number
0031
0031 1/2



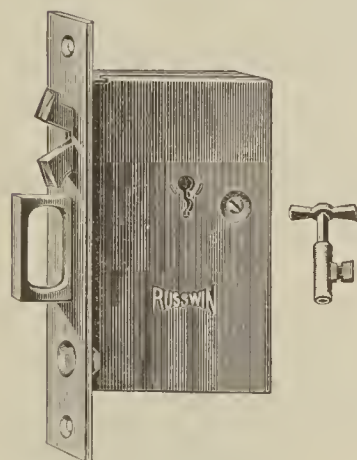
Outline of 0031

0031

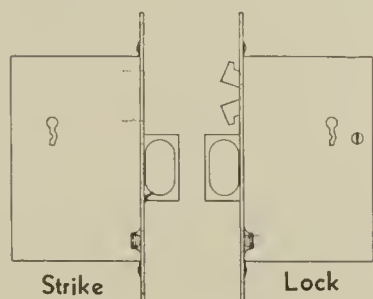
- Case:** 4¹¹/₁₆ x 3⁵/₈ x ⁹/₁₆ in., Cast Iron, Japanned.
- Front:** 6⁵/₈ x 1 in., Cast Brass or Bronze.
- Hand:** Reversible.
- Backset:** Regular, 2¹/₂ in., Special, 2³/₄, 3, 3¹/₄, 3¹/₂, 3³/₄, 4 and 4¹/₂ in.
Width of Case is 1¹/₈ in. more than Backset.
- Strike:** Cast Brass or Bronze Front, Cast Iron Case.
Case 4¹¹/₁₆ x 3 x ⁹/₁₆ in.; Front 6⁵/₈ x 1 in.
- Bolts:** Cast Bronze.
- Tumblers:** 1, Changes: 4.
- Keys:** 1 Brass, Class No. 32, page 351.
- Operation:** Bolt is operated by key from either side. Pull or Grip is projected by stop in face of lock.

0031 1/2

For single doors, same as 0031. Strike, Type No. 5, page 338.



Number
01331
01331 1/2



Outline of 01331

01331

- Case:** 5¹/₂ x 3¹/₂ x ⁷/₁₆ in., Wrought Steel Case, Lacquered.
- Front:** 7³/₄ x 1 in. Wrought Steel, Plated.
- Hand:** Reversible.
- Backset:** Regular, 2¹/₂ in., Special, none.
- Strike:** Wrought Steel, Plated. Case 5¹/₂ x 3¹/₂ x ⁷/₁₆ in.; Front 7³/₄ x 1 in.
- Bolts:** Wrought Steel.
- Tumblers:** 1, Changes: 4.
- Keys:** 1 Brass, Class No. 32, page 351.
- Operation:** Bolt is operated by key from either side. Pull or Grip is projected by stop in face of lock.

01331 1/2

For single doors, same as 01331. Strike, Type No. 5, page 338.

Specify Number and Finish.

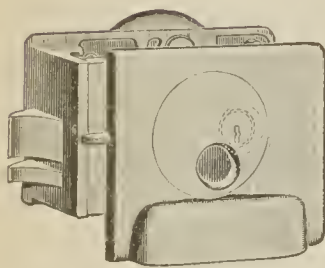
For Escutcheons, see page 235.

Finishes described on pages 16 to 18.

One in a box, with screws.

Unit Asylum Locks

For Asylums and Hospitals



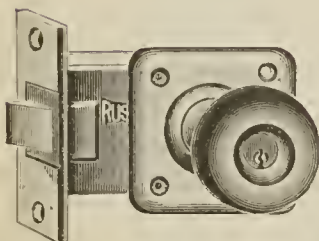
Number
2197M



2197M

- Case: Cast Brass or Bronze.
 Front: Cast Brass or Bronze, Beveled, $\frac{1}{8}$ in. on 2 in.
 Door: Exact thickness to be specified. For Doors $1\frac{3}{4}$ to $2\frac{1}{4}$ in. thick, with stiles not less than $4\frac{7}{8}$ in.
 Escutcheon: Cast Brass or Bronze $3\frac{1}{8}$ x $4\frac{3}{4}$ in., outside, $3\frac{3}{4}$ x 4 in. inside.
 Knob: Cast Brass or Bronze $2\frac{1}{2}$ in.
 Hand: For Reverse Bevel Doors, specify hand.
 Backset: Regular, 3 in., Special, none.
 Strike: Cast Brass or Bronze, Protected Box, Type No. 14, page 340.
 Bolts: Cast Bronze, Latch Construction: Swinging Type.
 Cylinder: 5 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed, as desired, in sets with other Russwin Cylinder Locks.
 Operation: Unlocking the door from the outside uncovers the inside keyhole which then remains visible since the keyhole protector, or cover, is automatically locked by the stop lever in face of lock, when the door is closed. This prevents the covering of the keyhole by an inmate while an attendant is within the room. The opening of the door, with key, by the attendant on the inside, releases the stop lever and allows the protector to be thrown over the keyhole, in which position it is automatically locked until released by the key from the outside.

The Auxiliary latch automatically safeguards and deadlocks the latch bolt preventing it from being retracted by any instrument inserted between face of lock and strike.



Number
0197M

0197M

- Case: $2\frac{1}{4}$ x $3\frac{5}{8}$ x $\frac{3}{4}$ in., Cast Iron, Japanned.
 Front: 4 x $1\frac{1}{16}$ in., Cast Brass or Bronze, Recessed.
 Escutcheon: Cast Brass or Bronze, 3 x 3 in.
 Knob: Cast Brass or Bronze, $2\frac{1}{2}$ in.
 Hand: Reversible. For Reverse Bevel Doors only.
 Backset: $2\frac{7}{8}$ in. for door with stiles not less than $4\frac{1}{2}$ in., Special none.
 Strike: Cast Brass or Bronze, Type No. 4C.
 Bolts: Cast Bronze, Latch Construction: Type DC, page 239.
 Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
 Cylinders: 5 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired in sets with other Russwin Cylinder Locks.
 Operation: Latch bolt can be operated only by key from outside, no operation from inside. No inside trim; outside knob is always rigid and is used as pull.

Illustrations One-quarter Size

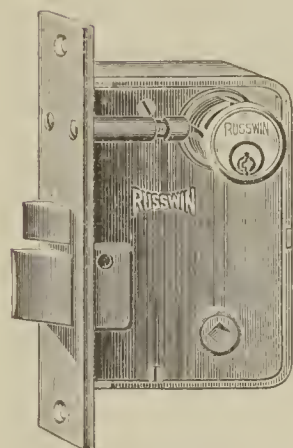
Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Mortise Locks and Latches

For Asylums and Hospitals

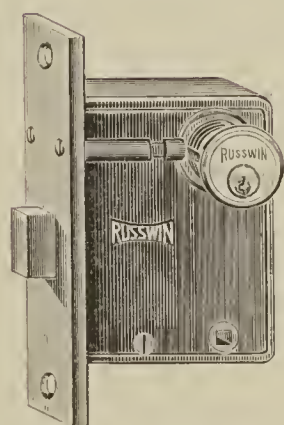


Number
1096



1096

- Case: $5\frac{3}{8} \times 3\frac{7}{8} \times \frac{7}{8}$ in., Cast Iron, Japanned.
 Front: $7\frac{9}{16} \times 1\frac{1}{4}$ in., Flat, Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, $2\frac{5}{8}$ in., Special, none.
 Spacing: $3\frac{5}{8}$ in., Knob Hub: Brass for $\frac{5}{16}$ in. Rigid Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 4A, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction: Type SC, page 239.
 Cylinders: 2, No. 1, 6 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
 Operation: When door is closed it is automatically deadlocked and latch bolt can be operated by key only from either side at all times. The knob hub is rigid, knobs will not operate latch, and are used only as pulls.
 Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between the face of the lock and strike.



Number
1094 $\frac{1}{4}$

1094 $\frac{1}{4}$

- Case: $4\frac{5}{8} \times 3\frac{11}{16} \times 1\frac{3}{16}$ in., Cast Iron, Japanned.
 Front: $6\frac{15}{16} \times 1\frac{5}{16}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{3}{4}$ in., Special, none.
 Spacing: $3\frac{3}{8}$ in., Knob Hub: Brass for $\frac{5}{16}$ in. Spindle (on square).
 Strike: Cast Brass or Bronze, Type No. 5, Special Strikes, page 340.
 Bolts: Cast Bronze.
 Cylinders: 1, No. 1, 6 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 852, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, see page 355.
 Operation: Dead bolt by knobs from either side, key locks the bolt, either when thrown or withdrawn, so that it cannot be operated by the knobs.

1094 $\frac{1}{2}$

Illustrations One-quarter Size

Description: Same as 1094 $\frac{1}{4}$ except has 2, No. 1 Cylinders.

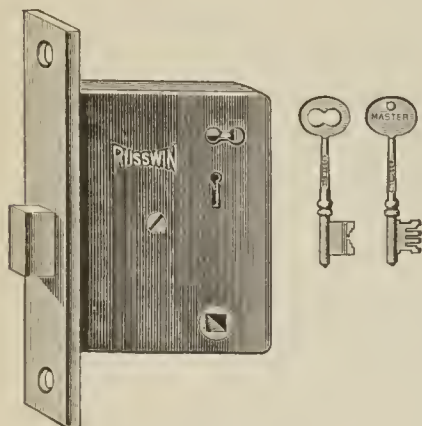
Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Mortise Locks and Latches

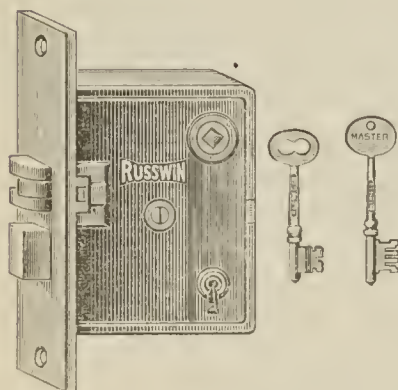
For Asylums and Hospitals



Number
1090M

1090M

- Case: $4\frac{5}{8} \times 3\frac{3}{4} \times 1\frac{1}{16}$ in., Cast Iron, Japanned.
 Front: $7 \times 1\frac{3}{16}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{3}{4}$ in., Special, none.
 Spacing: $2\frac{3}{4}$ in. Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
 Strike: Cast Brass or Bronze, Type No. 5, Special Strikes, page 340.
 Bolts: Cast Bronze.
 Tumblers: 4, Changes: 100.
 Keys: 1 Steel, Class No. 584, page 350.
 Master-Keying: Can be master-keyed in 5 sets of 20 each or less, all different, with master key for each and grand-master key for all, or 1 set of 100 all different.
 Operation: Dead bolt by knobs from either side, except when bolt has been locked by key in either the retracted or thrown position.

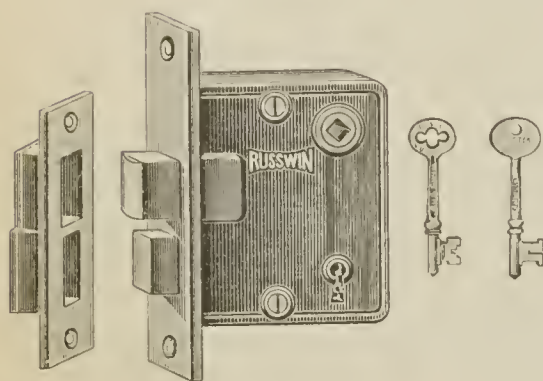


Number
0142M

0142M

- Case: $4\frac{3}{8} \times 3\frac{3}{8} \times 1\frac{1}{16}$ in., Cast Iron, Japanned.
 Front: $6\frac{7}{16} \times 1\frac{3}{16}$ in., Flat, Cast Brass or Bronze.
 Hand: Not reversible, specify hand, page 236.
 Backset: Regular, $2\frac{5}{8}$ in., Special, none.
 Spacing: $2\frac{5}{8}$ in. Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.
 Strike: $1\frac{1}{4}$ in. Lip to Center, Cast Brass or Bronze, Type No. 6, Special Strikes, page 340.
 Bolts: Cast Bronze, Latch Construction, Type CL, page 239.
 Tumblers: 4, Changes: 768.
 Key: 1 Steel, Class 0586, page 350.
 Master-Keying: Can be master-keyed in 24 sets of 32 each or less, all different, with master-key for each set and grand master-key for all, or 1 set of 768 all different.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by keys from either side. In unlocking the door a continuous turn of the key will withdraw both dead bolt and latch bolt.

1093



Number
1093

- Case: $4\frac{1}{4} \times 3\frac{1}{2} \times 1\frac{1}{16}$ in., Cast Iron, Japanned.
 Front: $6\frac{5}{16} \times 1\frac{1}{8}$ in., Flat, Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{3}{4}$ in., Special, none.
 Spacing: $2\frac{5}{8}$ in. Knob Hub: Brass, Straight for $\frac{5}{16}$ in. Spindle.
 Strike: Cast Brass or Bronze, Box Type only, No. 15.
 Bolts: Cast Bronze.
 Tumblers: 3, Changes: 48, not master-keyed.
 Keys: 1 Steel, Class No. 871, page 349.
 Master-Keying: Can be master-keyed in 6 sets of 50 each or less, all different, with master-key for each and grand master-key for all, or 1 set of 300 all different.
 Operation: Lower dead bolt by key from outside.
 Upper dead bolt by knob from either side.
 Upper dead bolt has a long throw and operates into a special wedged type strike. When the upper bolt is forced into the strike by turning the knob, the door will be drawn up close against the stop. This feature allows for the shrinkage of the door and always assures a tight fit and the entire elimination of rattle.
 The operation of this upper dead bolt is absolutely noiseless, click and chatter being entirely eliminated.

Illustrations One-quarter Size

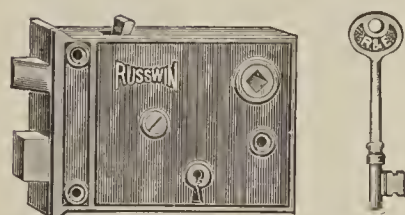
Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

Rim Knob Locks

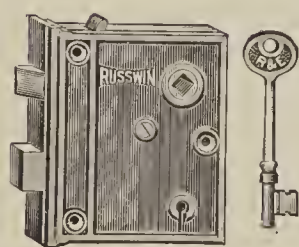
1288



Number
1288

- Case: $3\frac{1}{4} \times 4\frac{1}{2}$ in., Cast Iron, Japanned.
 Hand: Reversible.
 Backset: Front to keyhole $2\frac{1}{2}$ in. Front to knob $3\frac{5}{8}$ in.
 Knob Hub: Iron for $\frac{5}{16}$ in. Spindle.
 Strike: Cast Iron, Japanned, Box Type No. 1.
 Bolts: Cast Iron.
 Tumblers: 1, Changes: 6.
 Keys: 1, Iron, Class No. 224.
 Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by keys from either side. Key will not operate on latch when stop is set.

1888



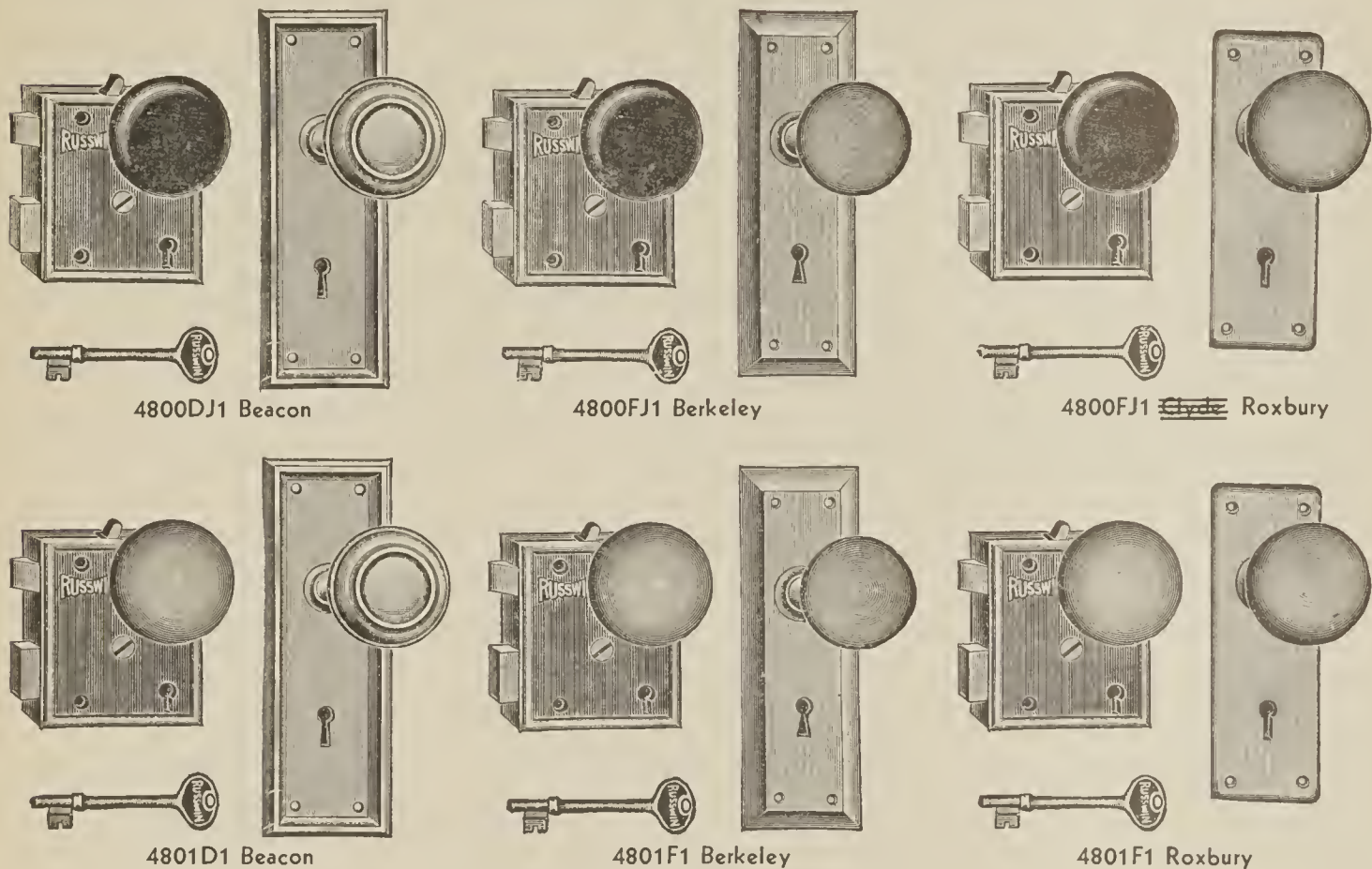
Number
1888

- Case: $4 \times 3\frac{1}{8}$ in., Cast Iron, Japanned.
 Hand: Reversible.
 Backset: Regular, $2\frac{5}{8}$ in.; Special, none.
 Spacing: $2\frac{5}{8}$ in.; Knob Hub: Iron for $\frac{5}{16}$ in. Spindle.
 Strike: Cast Iron, Japanned, Box Type No. 1.
 Bolts: Cast Iron.
 Tumblers: 1, Change: 6.
 Keys: 1, Iron, Class No. 224.
 Operation: Latch bolt can be operated by knobs from either side except when latch bolt is set by stop on case. In addition it has a dead bolt operated by key from either side. Key will not operate on latch when stop is set.

Illustrations One-quarter Size

Packed one in a box, with screws and Key Plate Escutcheons.

Rim Lock Sets
Wrought Steel Locks



Illustrations One-quarter Size

Japanned Steel Lock, One Jet Knob Inside and Plated Steel Trim Outside

Set Number	Lock	Inside Knob	Outside Knob and Escutcheon	Designs Illustrated on Page
4800DJ1 Bea.	4800	2284 Japanned	7956 x 7935 Bea.	140
4800FJ1 Berk.	4800	2284 Japanned	7384 x 7935 Berk.	142
4800FJ1 Rox.	4800	2284 Japanned	7384 x 7935 Rox.	166

Plated Steel Locks, Knobs and Escutcheons

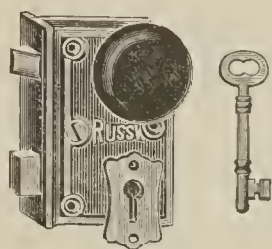
Set Number	Lock	One Pair Knobs	One Escutcheon	Finishes	Designs Illustrated on Page
4801D1 Bea.	4801	7956 Bea.	7935 Bea.	7½, 9C, 11	140
4801E1 Berk.	4801	7385	7935 Berk.	7½, 9C, 11	142
4801F1 Berk.	4801	7384	7935 Berk.	7½, 9C, 11	142
4801E1 Rox.	4801	7385	7935 Rox.	7½, 9C, 11	166
4801F1 Rox.	4801	7384	7935 Rox.	7½, 9C, 11	166

For description of lock see page 322.
One set in a box with screws.
Specify Set Number and Finish.

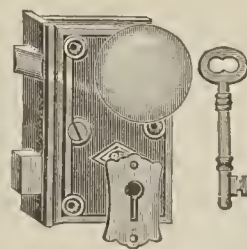
For description of knob No. 2284, see page 221.
2½ dozen in a case, weight approximately 65 lbs.
Finishes described on pages 16 to 18.

Rim Lock Sets

Illustrations One-quarter Size



Set 6J

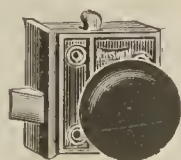


Set 6W

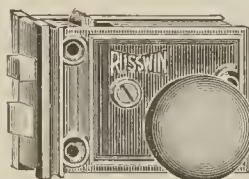
Set Number	Lock	Page	One Pair Knobs	One Rose	One Escutcheon
6W	839	325	White Porcelain, No. 1300R	1300 Jappanned	003
6J	839	325	Jet, No. 1405R	1300 Jappanned	003

One set in a box, with screws; five, or ten, dozen sets in a case. Weight: five dozen, 79 lbs.; ten dozen, 150 lbs.

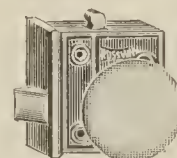
Rim Latch Sets



Set 595J



Sets 7599, 8599



Set 595W

Set Number	Latch	Page	One Pair Knobs	One Rose
595W†	595	325	White Porcelain, No. 1300R	1300 Jappanned
595J†	595	325	Jet, No. 1405R	1300 Jappanned
7599*	599	325	Steel Plated, No. 7382	7990 Finishes 7½, 9C, 11
8599*	599	325	Steel Kahala, No. 8382	8990 Kahala

† One set in a box, with screws; five, or ten, dozen sets in a case. Weights: five dozen, 108 lbs.; ten dozen, 192 lbs.

*One-quarter dozen sets in a box with screws, six dozen sets in a case. Weight, 165 lbs.

For description of Knobs and Roses, see page 224; Escutcheons, see page 231.

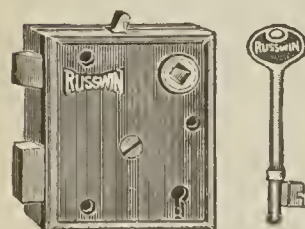
Specify Set Number and Finish.

Finishes described on pages 16 to 18.

Upright Wrought Steel Rim Knob Lock

Light, Strong and Indestructible

Illustrations One-quarter Size



Number
4800
4801

4800

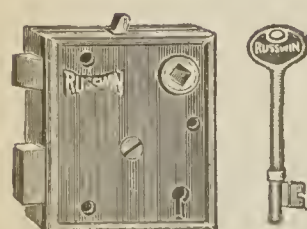
Case: $3\frac{5}{8} \times 3\frac{1}{16}$ in., Wrought Steel, Japanned.
 Hand: Reversible.
 Backset: Regular, $2\frac{3}{8}$ in., Special, none.
 Spacing: $2\frac{3}{16}$ in., Knob Hub, Iron for $\frac{5}{16}$ in. Spindle.
 Strike: Wrought Steel, Box, Type No. 1 A, Japanned.
 Bolts: Steel Dead Bolt, Iron Latch Bolt.
 Tumblers: 1, Changes: 4.
 Keys: 1 Iron. Class No. 222, page 352.
 Operation: Latch Bolt can be operated by Knobs from either side except when Latch Bolt is set by stop on case. In addition it has a dead bolt operated by keys from either side.
 Key will not operate on Latch Bolt when stop is set.

4801

Description: Same as 4800, except that it is furnished in Fin. $7\frac{1}{2}$, 9 and 11.
 Operation: Same as 4800.

Half dozen in a box, with screws; twelve dozen in a case; weight 123 lbs.

In Sets, with Trim



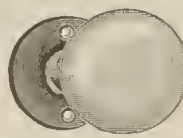
4800



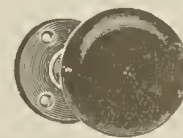
003



2285



300R



405R



2285 Knob
2935 Rox. Escutcheon

These sets are regularly packed with knobs spindled for doors 1 to $1\frac{3}{4}$ in. thick.

Number	Lock	One Pair Knobs	One Escutcheon
4800P	4800	White Porcelain No. 300R	003
4800J	4800	Jet No. 405R	003
4800M	4800	Mineral No. 400R	003
4800SJ**	4800	Japanned No. 2285†	003
4800SK	4800	Kahala No. 8285	003
4800SFJ	4800	Japanned No. 2284††	003
4800T	4800	Japanned No. 2285†	*2935 Rox.
4801AI	4801	Fin. $7\frac{1}{2}$, 9 or 11 No. 7850	7935 Rox.
4801EI	4801	Fin. $7\frac{1}{2}$, 9 or 11 No. 7385	7935 Rox.

** All Steel Set recommended. † As No. 7385, Japanned. †† As No. 7384, Japanned. * As No. 7935 Rox., Japanned.

‡ As No. 7385, Kahala Finish (Metal substitute for Mineral Knobs).

One-twelfth dozen sets in a box with screws; five dozen sets in a case, see pages 19 and 20 for weights.

Horizontal Wrought Steel Rim Knob Lock

Light, Strong and Indestructible

Illustrations One-quarter Size

Lock Only

4200



Number
4200

- Case: $2\frac{7}{8} \times 4\frac{3}{8}$ in. Wrought Steel, Japanned.
 Hand: Reversible.
 Backset: Front to Key Hole $2\frac{3}{8}$ in., Front to Knob Hub, $3\frac{3}{4}$ in.
 Knob Hub: Iron, for $\frac{5}{16}$ in. Spindle.
 Strike: Wrought Steel, Box, Type No. 1L, Japanned
 Bolts: Steel Dead Bolt, Iron Latch Bolt.
 Tumblers: 1, Changes: 4.
 Keys: 1 Iron, Class No. 222, page 352.
 Operation: Latch Bolt can be operated by knobs from either side except when latch bolt is set by stop on case. In addition it has a dead bolt operated by keys from either side.
 Key will not operate on latch bolt when stop is set.

Half dozen in a box, with screws; twelve dozen in a case; weight, 134 lbs.

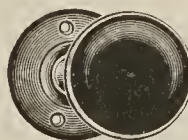
In Sets, with Trim



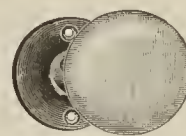
4200



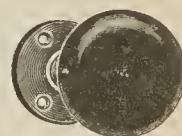
003



2285



300R



405R

These sets are regularly packed with knobs spindled for doors 1 to $1\frac{3}{4}$ in. thick.

Number	Lock	One Pair Knobs	One Escutcheon
4200P	4200	White Porcelain No. 300R	003
4200J	4200	Jet No. 405R	003
4200M	4200	Mineral No 400R	003
4200SJ*	4200	Japanned No. 2285†	003
4200SK	4200	Kahala No. 8285	003
4200SFJ	4200	Japanned No. 2284††	003

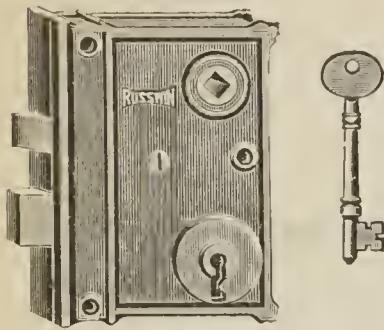
* All Steel Set recommended.

† As No. 7385, Japanned.

†† As No. 7384, Japanned.

One-twelfth dozen sets in a box, complete with screws; five dozen sets in a case, see pages 19 and 20 for weights.

Rim Knob Locks



Number
881M

881M

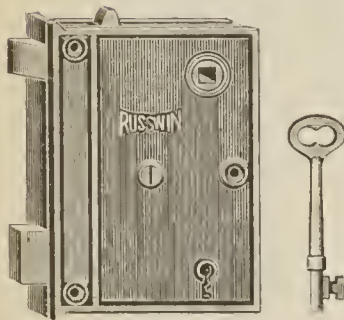
- Case:** 5 $\frac{3}{8}$ x 3 $\frac{3}{4}$ in., Cast Iron, Japanned.
Hand: Reversible.
Backset: Regular, 2 $\frac{3}{4}$ in., Special, none.
Spacing: 3 $\frac{1}{8}$ in.; Knob Hub: Iron for $\frac{5}{16}$ in. Spindle.
Strike: Cast Iron, Japanned, Box Type No. 1.
Bolts: Cast Iron.
Tumblers: 1, Changes: 784.
Keys: 1 Brass, Class No. 45, page 351.
Master-Keying: Can be master-keyed in 7 sets of 112 each or less, all different, with master key for each and grand-master key for all, or 1 set of 784, all different.
Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by keys from either side.

882M

Description: Same as 881M except has Brass latch and dead bolts.

Operation: Same as 881M.

Nos. 881M and 882M packed quarter dozen in a box, with screws and key plate escutcheons.



Number
805

805

- Case:** 5 x 3 $\frac{5}{8}$ in., Cast Iron, Japanned.
Hand: Reversible.
Backset: Regular, 2 $\frac{3}{4}$ in.; Special, none.
Spacing: 3 $\frac{1}{4}$ in.; Knob Hub: Iron for $\frac{5}{16}$ in. Spindle.
Strike: Cast Iron, Japanned, Box Type No. 1.
Bolts: Cast Iron.
Tumblers: 1, Changes: 12.
Keys: 1 Iron, Class No. 174, page 352.
Operation: Latch bolt can be operated by knobs from either side except when latch bolt is set by stop on case. In addition it has a dead bolt operated by key from either side. Key will not operate on latch when stop is set.

1806

Description: Same as 805 except

- Case:** 5 $\frac{3}{8}$ x 3 $\frac{5}{8}$ in., Cast Iron, Japanned.
Backset: Regular, 2 $\frac{1}{2}$ in., Special, none.
Spacing: 3 $\frac{1}{8}$ in.; Knob Hub: Iron for $\frac{5}{16}$ in. Spindle.
Keys: 1 Steel, Class No. 424 $\frac{1}{4}$, page 351.

Nos. 805 and 1806 packed with screws, Knobs and Key Plate Escutcheons, one in a box; without Knobs, half dozen in a box.



Number
2408

2408

- Case:** 4 $\frac{3}{16}$ x 6 in., Cast Iron, Japanned.
Hand: Reversible.
Backset: Front to keyhole 2 $\frac{1}{8}$ in. Front to knob hub 4 $\frac{7}{8}$ in.
Knob Hub: Iron for $\frac{5}{16}$ in. Spindle.
Strike: Cast Iron, Japanned, Box Type No. 1.
Bolts: Cast Iron.
Tumblers: 1, Changes: 24.
Keys: 2 Folding Steel, Class No. 462, page 351.

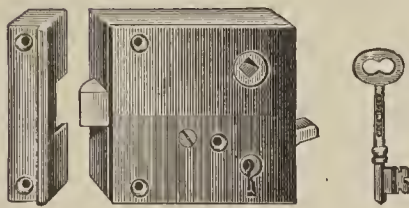
Operation: Latch bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by keys from either side.

Packed one in a box, with screws and Key Plate Escutcheons.

Illustrations One-quarter Size

Rim Knob Locks

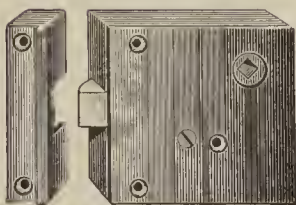
875



Number
875

- Case: $3\frac{1}{8} \times 3\frac{5}{16} \times \frac{3}{4}$ in., Cast Iron, Dull Black.
 Hand: Reversible.
 Backset: Regular $2\frac{1}{2}$ in., Special, none.
 Spacing: $1\frac{11}{16}$ in. Knob Hub: Brass, for $\frac{5}{16}$ in. Spindle.
 Strike: Cast Iron, Dull Black, Box, Type No. 1, or Cast Iron, Dull Black, Angle, for Reverse Bevel.
 Bolts: Cast Bronze, Latch Construction; Type DC, Page 239.
 Tumblers: 1, Changes 12, Not Master-Keyed.
 Keys: 1 Steel, Class No. 535 $\frac{1}{2}$.
 Operation: Latch Bolt can be operated by knobs from either side except when set by lever stop on case from inside or by key from outside. When knobs are set by key from outside they can be released from inside by lever stop.

875 $\frac{1}{2}$



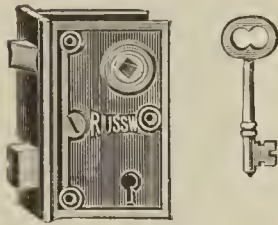
Number
875 $\frac{1}{2}$

- Case: $3\frac{1}{8} \times 3\frac{5}{16} \times \frac{3}{4}$ in., Cast Iron, Dull Black.
 Hand: Reversible.
 Backset: Regular $2\frac{1}{2}$ in., Special, none.
 Spacing: $1\frac{11}{16}$ in. Knob Hub: Brass, for $\frac{5}{16}$ in. Spindle.
 Strike: Cast Iron, Dull Black, Box, Type No. 1, or Cast Iron, Dull Black, Angle, for Reverse Bevel.
 Bolt: Cast Bronze.
 Operation: Latch Bolt can be operated by knobs from either side at all times.

Illustrations One-quarter Size

One in a box, with screws.

Rim Knob Locks and Latches



Number
839

839

Case: 3½ x 2¼ in., Cast Iron, Japanned.
 Hand: Reversible.
 Backset: Regular 1⅝ in., Special, none.
 Spacing: 2⅛ in. Knob Hub: Iron, for ⅝ in. Spindle.
 Strike: Cast Iron, Japanned, Box, Type No. 1, or Cast Iron, Japanned, Flat, for Reverse Bevel.
 Bolts: Cast Iron.
 Tumblers: 1, Changes alike.
 Keys: 1 Iron, Class No. 163, page 352.
 Operation: Latch Bolt can be operated by knobs from either side at all times. In addition it has a dead bolt operated by keys from either side.

Half dozen in a box, with screws; twelve dozen in a case.



Number
595

595

Case: 2¼ x 2 in., Cast Iron, Japanned.
 Hand: Reversible.
 Backset: Regular 1⅞ in., Special, none.
 Knob Hub: Iron, for ⅝ in. Spindle.
 Strike: Cast Iron, Japanned, Type No. 1.
 Bolt: Cast Iron.
 Operation: Latch Bolt can be operated by knobs from either side except when latch bolt is set by stop in case.



Number
599

599

Case: 2⅝ x 3¾ in., Cast Iron, Japanned.
 Hand: Reversible.
 Backset: Regular 2⅝ in., Special, none.
 Knob Hub: Iron, for ⅝ in. Spindle.
 Strike: Cast Iron, Japanned, Type No. 1.
 Bolts: Cast Iron.
 Operation: Latch Bolt can be operated by knobs from either side at all times. In addition it has a sliding dead bolt operated from inside only by a thumb lever on the case.

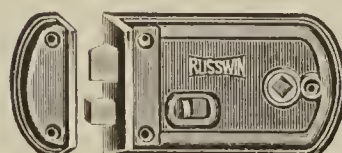
Half dozen in a box, with screws.



Number
2551

2551

Case: 2½ x 3⅛ in., Cast Iron, Japanned.
 Hand: Reversible.
 Backset: Regular, 2¾ in., Special, none.
 Knob Hub: Iron, for ⅝ in. Spindle.
 Strike: Cast Iron, Japanned, Box, Type No. 1 F, furnished regular. Flat, Reverse Bevel, furnished when so ordered.
 Bolt: Cast Iron.
 Operation: Latch bolt can be operated by knobs at all times.



Number
2552

2552

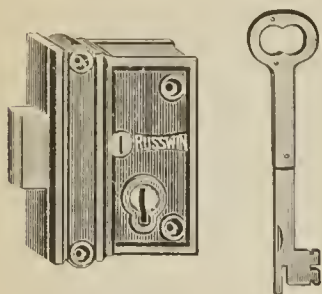
Description: Same as 2551.
 Operation: Same as 2551, except in addition it has a sliding dead bolt operated from the inside by a thumb slide on the case.

Packed, one in a box with knobs and screws; without knobs half-dozen in a box with screws.

Illustrations One-quarter Size

Rim Dead Locks

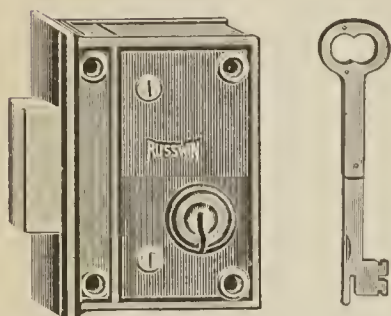
Reversible



Number
2458

2458

Case: $3\frac{1}{16} \times 2\frac{1}{2}$ in., Cast Iron, Japanned.
 Hand: Reversible.
 Backset: Regular, $1\frac{1}{16}$ in., Special, none.
 Strike: Cast Iron, Japanned, Rim Type No. 1.
 Bolt: Cast Iron.
 Tumblers: 1, Changes: 9.
 Keys: 2 Folding Steel, Class No. 487, page 351.
 Operation: By key from either side.
 Packed with Escutcheon No. 07, page 231.
 $\frac{1}{4}$ dozen in a box, with screws.



Number
2498

2498

Case: $5 \times 3\frac{7}{16}$ in., Cast Iron, Japanned.
 Hand: Reversible.
 Backset: Regular, $2\frac{3}{8}$ in., Special, none.
 Strike: Cast Iron, Japanned, Rim Type No. 1.
 Bolt: Cast Iron.
 Tumblers: 1, Changes: 12.
 Keys: 2 Folding Steel, Class No. 489, page 351.
 Operation: By key from either side.
 Packed with Escutcheon No. 07, page 231.
 $\frac{1}{2}$ dozen in a box, with screws.



Number
3610

3610 (Double Throw Bolt)

Case: $2\frac{1}{2} \times 3\frac{1}{2}$ in., Wrought Steel, Japanned.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{2}$ in., Special, none.
 Strike: Wrought Steel, Japanned, Type No. 1L.
 Bolt: Wrought Steel (Double Throw).
 Tumblers: 1, Changes: 4.
 Keys: 1, Iron, Class No. 223, page 352.
 Operation: Dead Bolt which has a double throw feature can be operated by keys from either side at all times.
 Packed with Escutcheon No. 003, page 231.
 $\frac{1}{2}$ dozen in a box, with screws.



Number
3600

3600

Case: $2 \times 2\frac{3}{4}$ in., Wrought Steel, Japanned.
 Hand: Reversible.
 Backset: Regular, $2\frac{1}{16}$ in., Special, none.
 Strike: Wrought Steel, Japanned, Type No. 1L.
 Bolt: Cast Iron.
 Tumblers: 1, Changes: 4.
 Keys: 1 Iron, Class No. 223, page 352.
 Operation: By key from either side.
 Packed with Escutcheon No. 003, page 231.
 One dozen in a box, with screws.

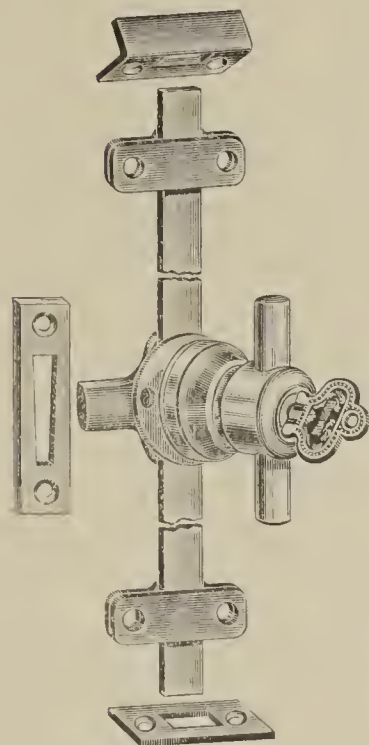
Illustrations One-quarter Size

Triplelox

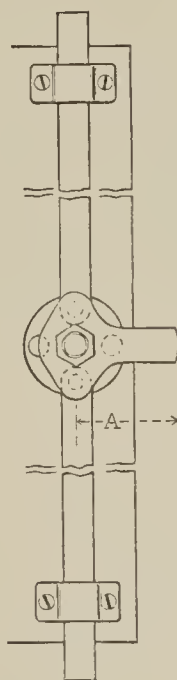
A Three-Point Lock For Closet, Display Case, Cabinet, Pipe or Wire Shaft Doors

With Pin Tumbler Locking Mechanism. Regularly Furnished for Doors Opening Out.
Not Reversible, Specify Hand

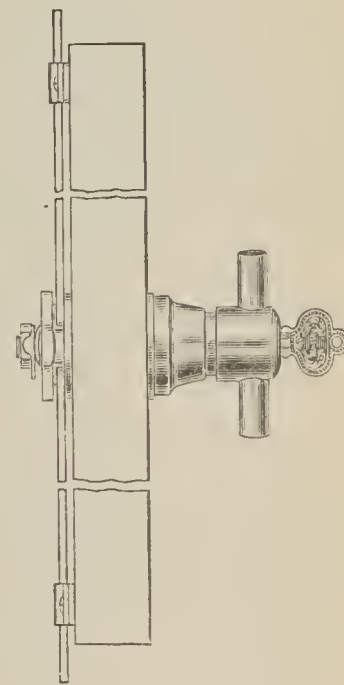
Patented



1060, 1060⁵/₈, 1060³/₄
Type of 1065, 1065⁵/₈, 1065³/₄.
1060¹/₂, 1065¹/₂, without Key



Applied



Rods: Wrought steel, dead black finish, $\frac{1}{8} \times \frac{9}{16}$ in., length as ordered.

Bolts: Top and bottom bolts with $\frac{1}{2}$ in. throw.

Cam: Tongue (A) 2 in. center of spindle to end of cam.
When desired as a two-point bolt with top and bottom bolts only, tongue of cam can be cut off.

Master-keying: Nos. 1060, 1060⁵/₈ and 1060³/₄ can be master-keyed in sets by themselves when so ordered. Cannot be master-keyed with other Russwin master-keyed cylinder locks.
Nos. 1065 and 1065⁵/₈ and 1065³/₄ can be master-keyed in sets as desired with other Russwin master-keyed cylinder locks.

Operation: Nos. 1060 and 1065 top and bottom bolts and cam operated by a quarter turn of T handle except when it is locked by key. Key can be withdrawn only when bolts are in locked position.
Nos. 1060¹/₂ and 1065¹/₂ top and bottom bolts and cam operated by a quarter turn of T handle at all times. No key or locking mechanism.

Nos. 1060⁵/₈ and 1065⁵/₈ top and bottom bolts and cam operated by a quarter turn of T handle except when it is locked by key. Key can be withdrawn when in either locked or unlocked position.

Nos. 1060³/₄ and 1065³/₄ top and bottom bolts and cam operated by a quarter turn of T handle when T handle is released by key. Spring action on locking mechanism automatically locks the T handle in vertical position when bolts are projected. Key can be withdrawn in either locked or unlocked position.

Number	T Handle	Projection	Rose	Description
1060	2 ³ / ₄ in.	1 ⁷ / ₈ in.	1 ¹ / ₂ in.	Cast Brass or Bronze Polished
1060 ¹ / ₂	2 ³ / ₄ in.	1 ⁷ / ₈ in.	1 ¹ / ₂ in.	Cast Brass or Bronze Polished
1060 ⁵ / ₈	2 ³ / ₄ in.	1 ⁷ / ₈ in.	1 ¹ / ₂ in.	Cast Brass or Bronze Polished
1060 ³ / ₄	2 ³ / ₄ in.	1 ⁷ / ₈ in.	1 ¹ / ₂ in.	Cast Brass or Bronze Polished
1065	2 ³ / ₄ in.	2 ¹ / ₈ in.	1 ¹ / ₂ in.	Cast Brass or Bronze Polished
1065 ¹ / ₂	2 ³ / ₄ in.	2 ¹ / ₈ in.	1 ¹ / ₂ in.	Cast Brass or Bronze Polished
1065 ⁵ / ₈	2 ³ / ₄ in.	2 ¹ / ₈ in.	1 ¹ / ₂ in.	Cast Brass or Bronze Polished
1065 ³ / ₄	2 ³ / ₄ in.	2 ¹ / ₈ in.	1 ¹ / ₂ in.	Cast Brass or Bronze Polished

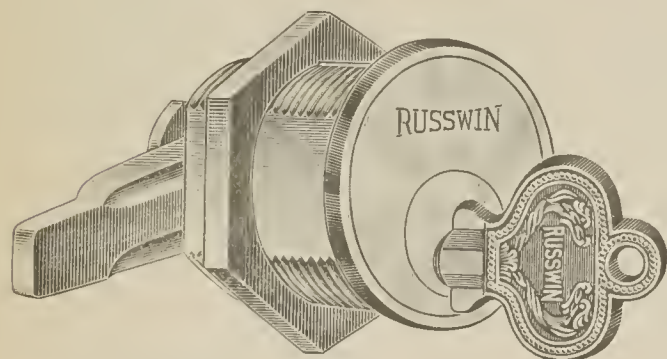
Specify Number, Finish, Hand, Thickness and Height of Door. Finishes described on Pages 16 to 18.
One in a Box, with Screws, Rods packed separate.

Utility Locks

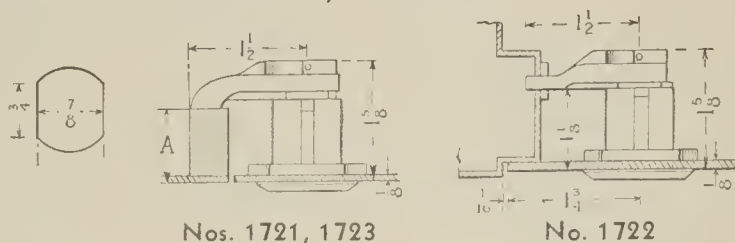
For Use On Show Cases, Cabinets, Etc.

With Pin Tumbler Locking Mechanism

Not Reversible. Regularly furnished Right Hand. Left Hand furnished only when so ordered.



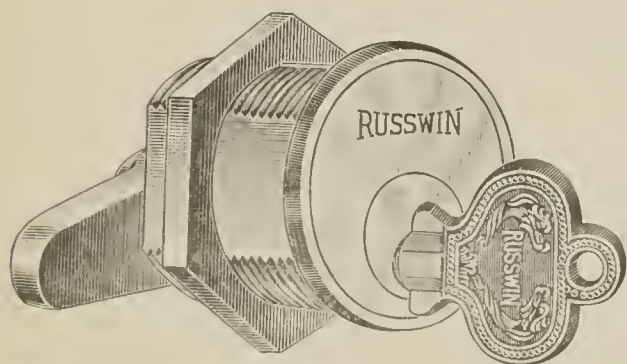
Number 1722
Right Hand Shown



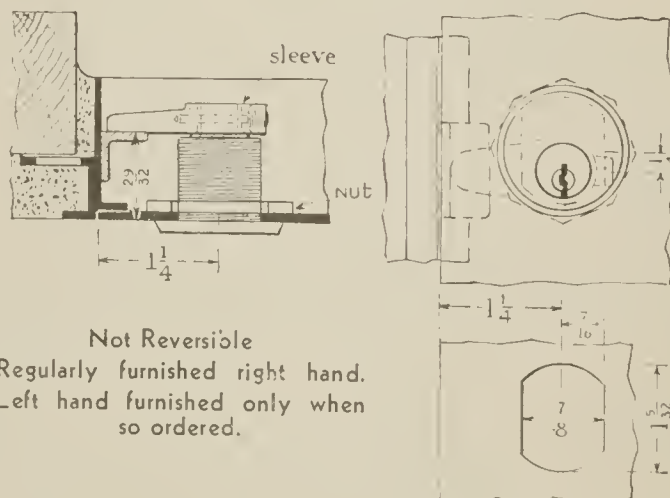
- Cylinder:** 1 ¹¹/₃₂ inch diameter. Barrel 1 ⁵/₃₂ inch diameter with slabbed off sides. Threaded entire length.
- Cam:** 1 ¹/₂ inch center to end of cam. Cam furnished for either slotted strike or rubbing strip.
- Operation:** Operated by a full turn of the key. Cam is in horizontal position when locked.
- Keying:** Can be furnished keyed alike in sets or all different. Can be master-keyed with other locks having 981M class master-key.

Number	Description	A	Two Keys	Master-key	Weight, Each
1721	Cast Bronze, polished	1 in.	Class 981	Class 981M	9 oz.
1722	Cast Bronze, polished	1 ¹ / ₈ in.	Class 981	Class 981M	9 oz.
1723	Cast Bronze, polished	1 ¹ / ₈ in.	Class 981	Class 981M	9 oz.

One in a box.



Number 1705
Right Hand Shown



Not Reversible
Regularly furnished right hand.
Left hand furnished only when
so ordered.

Section showing size and
shape of hole to be cut in
door.

- Cylinder:** Head 1 ¹¹/₃₂ in. diameter. Barrel 1 ⁵/₃₂ in. diameter with slabbed off sides. Threaded entire length.
- Cam:** 1 ³/₁₆ in. center to end of cam.
- Backset:** 1 ¹/₄ in. center to edge of doors. Distance between cylinder head and cam 2 ⁷/₃₂ in. Attached to door by 1 ³/₈ in. hexagon nut. Angle strike rubbing plate not furnished. These are supplied by cabinet manufacturer.
- Operation:** Operated by a quarter turn of key. Key can be removed only when in the locked position.
- Keying:** Can be furnished in sets alike or all different. Can be master-keyed with triplelox type 1065, page 326A, or with other Russwin locks having 981 class master-key.

Number	Description	Two Keys	Master-key	Weight, Each
1705	Cast Bronze, polished	Class 981	Class 981M	6 ¹ / ₂ oz.

One in a box.

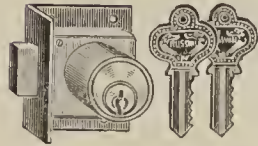
All above locks can be furnished with ¹/₈ in. cylinder collars when it is desired to reduce the projection back of the metal.
Specify Number and Finishes. Finishes described on Page 16 to 18.

Cupboard, Drawer and Wardrobe Locks

With Russwin Ball-Bearing Cylinders

Cupboard Locks

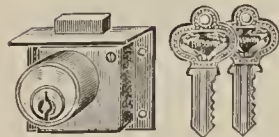
Not Reversible, Specify Hand



0371MA—Right Hand

Number	Case	Backset	Weight, per Dozen
0371MA	2 1/4 x 1 3/4 in. All Brass	3/4 in.	4 5/8 lbs.
0371MB	2 1/4 x 1 7/8 in. All Brass	7/8 in.	4 5/8 lbs.
0371MC	2 1/4 x 2 in. All Brass	1 in.	5 lbs.
0371MD	2 1/4 x 2 1/4 in. All Brass	1 1/4 in.	5 lbs.
0371ME	2 1/4 x 2 1/2 in. All Brass	1 1/2 in.	5 3/4 lbs.
0371MF	2 1/4 x 2 7/8 in. All Brass	1 3/4 in.	5 3/4 lbs.
0371MG	2 1/4 x 3 in. All Brass	2 in.	6 lbs.
0371MH	2 1/4 x 3 1/4 in. All Brass	2 1/4 in.	6 lbs.
0371MI	2 1/4 x 3 1/2 in. All Brass	2 1/2 in.	6 1/2 lbs.

Drawer Locks



0685M

Number	Case	Backset	Weight, per Dozen
0685 1/4 M	2 1/4 x 1 3/4 in. All Brass	3/4 in.	4 5/8 lbs.
0685M	2 1/4 x 1 7/8 in. All Brass	7/8 in.	4 3/4 lbs.
0686M	2 1/4 x 2 in. All Brass	1 in.	4 3/4 lbs.
0688M	2 1/4 x 2 1/4 in. All Brass	1 1/4 in.	5 1/8 lbs.
0689M	2 1/4 x 2 1/2 in. All Brass	1 1/2 in.	5 3/4 lbs.
0690M	2 1/4 x 2 7/8 in. All Brass	1 3/4 in.	5 7/8 lbs.
0691M	2 1/4 x 3 in. All Brass	2 in.	6 1/8 lbs.

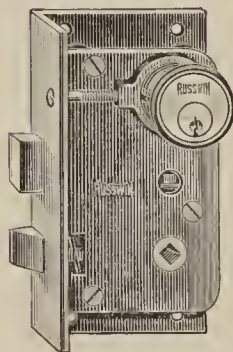
Furnished with Cylinder 1 1/8 in. Diameter for 7/8 in. wood.

Specify thickness of wood if other than 7/8 in.

Packed one-twelfth dozen in a box, with screws.

Half Mortise Wardrobe Lock

5515



Number 5515

Case:	5 5/8 x 3 in. Cast Brass or Bronze.
Front:	5 5/8 x 1 in. Beveled 1/8 in. on 2 in.
Hand:	Not Reversible, specify Hand and Thickness of Door.
Backset:	Regular, 2 in., Special, 1 1/2 in. Depth of Case is 1 in. more than Backset.
Spacing:	2 3/4 in. Knob Hub: Brass for 5/16 in. Spindle.
Strike:	Cast Brass or Bronze; Flat Strike for Single Door, Angle Strike for Double Door.
Bolts:	Cast Bronze.
Cylinder:	1 No. 8, 6 Pins, Changes practically unlimited.
Keys:	3 Liberty Silver, Class No. 852, page 346.
Master-Keying:	Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation:	Latch bolt can be operated by Knob from Outside. Dead Bolt by Key from Outside.

Illustrations One-quarter Size

Specify hand and thickness of door.

Specify Number and Finish.

Finishes described on pages 16 to 18.

One in a box, with screws.

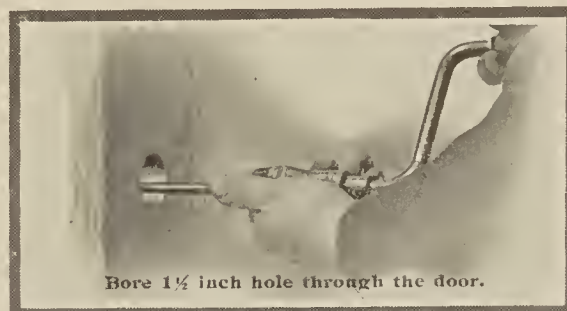
Russwin Unit Night Latches

With Russwin Ball-bearing Cylinders

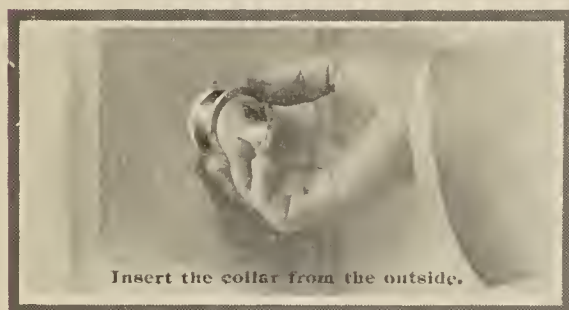
Patented



The Unit Night Latch is complete in itself. No separate parts to be fitted and applied.



Bore 1½ inch hole through the door.



Insert the collar from the outside.



Adjustment to fit required thickness of door is obtained by turning the adjusting nuts.



Place latch on door and fasten with screws.



The Latch Applied

The application of the Unit principle to Cylinder Rim Night Latches accomplishes four very desirable results.

First, a better working and more durable latch. The Unit principle is a building up of one part upon another, each part permanently placed in its proper relation to all others. This insures a smooth, certain action, adding greatly to the life of the latch.

Second, the ease with which accurate application can be made. The illustrations above show the few and simple operations necessary for the application of the latch.

Third, convenience. On opening a box containing the Russwin Unit Night Latch, in place of the usual miscellaneous collection of odd parts, will be found the latch, with cylinder and adjusting mechanism attached, the collar and strike. There are no machine screws to be cut off, no steel spindle to be sawed to the proper length, no loose parts to be lost.

Fourth, security. The cylinder and cylinder collar are of bronze metal, and when applied to the door are flush with the stile, thus preventing any tampering with the cylinder.

One of the features of this latch is the arrangement for adjusting the cylinder for varying thicknesses of doors. A few turns of the adjusting nuts instantly adjust the cylinder for any thickness of door, from 1½ to 2¼ inches.

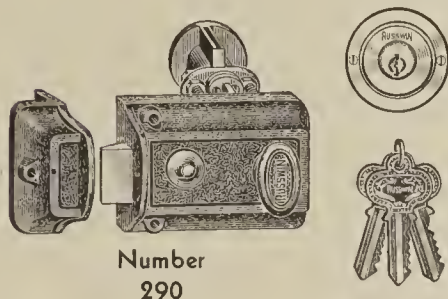
The cylinders are standard Russwin ball-bearing cylinders and are subject to all master-key arrangements, see page 355.

Latches equipped with Unit cylinders are described on the next page.

Unit Night Latches

Russwin Ball-Bearing Cylinders

See page 328



Number
290

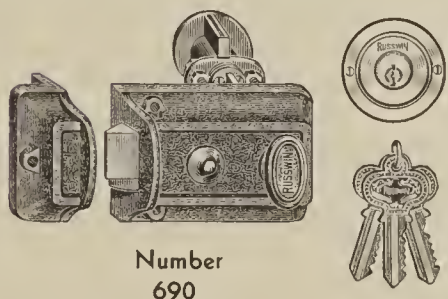
PERTINENT FEATURES

Unit construction; Four simple operations in applying. See page 328.

Special Flush Cylinder Collar.

- 290**
- Case:** 2 $\frac{3}{8}$ x 3 $\frac{5}{8}$ in., Cast Iron. *Specify Finish.
- Hand:** Reversible by reversing bolt and using flat strike packed with latch.
- Backset:** Regular, 2 $\frac{1}{2}$ in. for doors, 1 $\frac{1}{8}$ to 2 $\frac{1}{4}$ in.
- Strikes:** Cast Iron, Rim Type No. 1C; Wrought Steel, Plated, Reverse Bevel, Type No. 3.
- Bolt:** Cast Bronze.
- Cylinder:** 1, No. 290, 6 Pins, Changes practically unlimited, page 343.
- Keys:** 3 Liberty Silver, Class No. 981, page 346.
- Master-Keying:** Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
- Operation:** By key from outside, by turn knob from inside. Stop can be set to hold bolt retracted.

One-twelfth dozen in a box, with screws; three dozen in a fibre container; weight 61 lbs.



Number
690

PERTINENT FEATURES

Unit construction; Four simple operations in applying. See page 328.

Special Flush Cylinder Collar.

Has Auxiliary Latch Deadlocking Latch Bolt which prevents retraction of Bolt by any instrument inserted between face of Lock and Strike.

- 690**
- Case:** 2 $\frac{3}{8}$ x 3 $\frac{5}{8}$ in., Cast Iron. *Specify Finish.
- Hand:** Reversible by reversing bolt and using flat strike packed with latch.
- Backset:** Regular, 2 $\frac{1}{2}$ in., for doors 1 $\frac{1}{8}$ to 2 $\frac{1}{4}$ in. .
- Strikes:** Cast Iron, Rim Type No. 1C; Wrought Steel, Plated, Reverse Bevel, Type No. 3.
- Bolt:** Cast Bronze.
- Cylinder:** 1, No. 290, 6 Pins, Changes practically unlimited, page 343.
- Keys:** 3 Liberty Silver, Class No. 981, page 346.
- Master-Keying:** Can be master-keyed as desired with other Russwin Cylinder Locks, page 355.
- Operation:** By key from outside, turn knob inside. Stop can be set to hold bolt retracted.
Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike.

One-twelfth dozen in a box, with screws; three dozen in a fibre container; weight 63 $\frac{1}{2}$ lbs.

Illustrations One-quarter Size

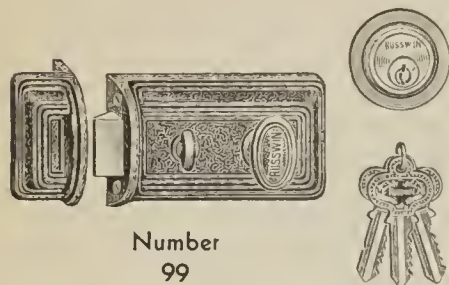
*Finishes: Wrinkled Black, Symbol WB; Wrinkled Lemon, Symbol WL; Wrinkled Maroon, Symbol WM. Specify finish desired.

Cylinders only or Cylinder and Turn Knobs are regularly furnished in Finish 11, unless otherwise specified.

For Garage Door Locks, see page 490.

Rim Night Latches

Russwin Ball-Bearing Cylinders



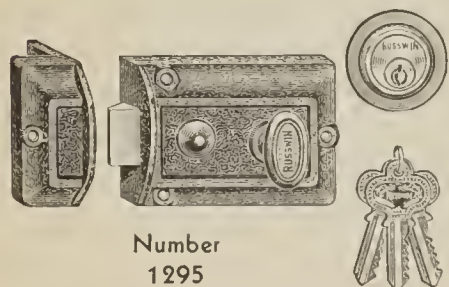
Number
99

PERTINENT FEATURES

Concealed Screws inexces-
sible when door is closed.
Bronze Bolt.

- Case:** 2 $\frac{1}{8}$ x 3 $\frac{5}{8}$ in., Cast Iron. *Specify Finish.
Hand: Reversible by reversing bolt and using flat strike packed with latch.
Backset: Regular, 2 $\frac{7}{16}$ in. for doors 1 to 2 $\frac{1}{2}$ in.
Strikes: Cast Iron, Rim Type No. 1C; Wrought Steel, Plated, Reverse Bevel, Type No. 3.
Bolt: Cast Bronze.
Cylinder: 1, No. 1290, 6 Pins, Changes practically unlimited, page 343.
Keys: 3 Liberty Silver, Class 981, page 346.
Master-Keying: Can be master-keyed as desired with other Russwin Cylinder Locks, page 355.
Operation: By key from outside, turn knob inside. Stop can be set to hold latch bolt retracted.

One-twelfth dozen in a box, with screws; three dozen in a fibre container, weight 68 lbs.



Number
1295

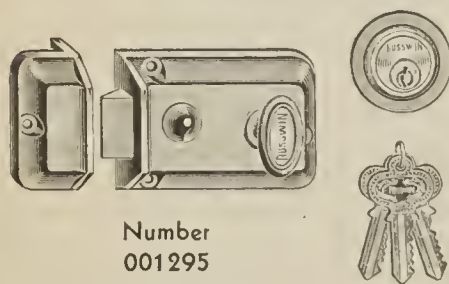
PERTINENT FEATURES

Government type, large size
Case.
Bronze Bolt.

- Case:** 2 $\frac{5}{8}$ x 3 $\frac{11}{16}$ in., Cast Iron. *Specify Finish.
Hand: Reversible by reversing bolt and using flat strike packed with latch.
Backset: Regular, 2 $\frac{7}{16}$ in. for doors, 1 to 2 $\frac{1}{2}$ in.
Strikes: Cast Iron, Rim Type No. 1C; Wrought Steel, Plated, Reverse Bevel, Type No. 3.
Bolt: Cast Bronze.
Cylinder: 1 No. 1290, 6 Pins, Changes practically unlimited, page 343.
Keys: 3 Liberty Silver, Class No. 981, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: By key from outside, turn knob inside. Stop can be set to hold latch bolt retracted.

One-twelfth dozen in a box, with screws; three dozen in a fibre container, weight 68 lbs.

*Finishes: Wrinkled Black, Wrinkled Lemon, Wrinkled Maroon. Specify finish desired.



Number
001295

PERTINENT FEATURE

All Bronze
Case and Bolt.

- Case:** 2 $\frac{1}{2}$ x 3 $\frac{5}{8}$ in., Cast Bronze.
Hand: Reversible by reversing bolt and using flat strike packed with latch.
Backset: Regular, 2 $\frac{7}{16}$ in. for doors 1 to 2 $\frac{1}{2}$ in.
Strikes: Cast Bronze, Rim Type No. 1C; Wrought Steel, Plated, Reverse Bevel, Type No. 3.
Bolts: Cast Bronze.
Cylinder: 1, No. 1290, 6 Pins, Changes practically unlimited, page 343.
Keys: 3 Liberty Silver, Class No. 981, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: By key from outside and turn knob inside. Stop can be set to hold latch bolt retracted.

One-twelfth dozen in a box, with screws; three dozen in a fibre container, weight 68 lbs.

Illustrations One-quarter Size

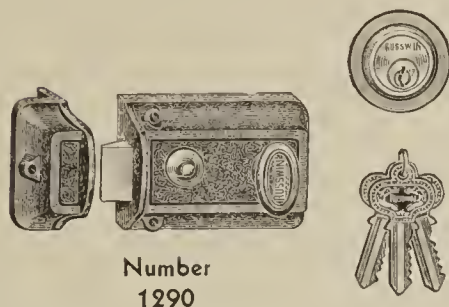
Cylinder Collars furnished with these latches are of the improved type, which prevents any tampering with the cylinder and can be used on doors with a minimum thickness of 1 inch when collar is reversed.

Cylinders only, or Cylinder and Turn Knobs are regularly furnished in Finish 11, unless otherwise specified.

For Garage Door Locks, see page 490.

Rim Night Latches

Russwin Ball-Bearing Cylinders



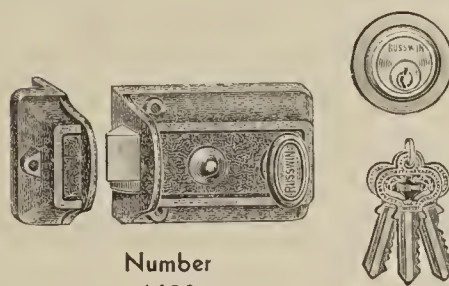
Number
1290

PERTINENT FEATURES

Competitive Type
Cast Bronze Bolt
Russwin 6 Pin Tumbler
Ball Bearing Cylinder

- 1290**
- Case:** $2\frac{3}{8} \times 3\frac{5}{8}$ in., Cast Iron. *Specify Finish.
- Hand:** Reversible by reversing bolt and using flat strike packed with Latch.
- Backset:** Regular, $2\frac{7}{16}$ in. for doors, 1 to $2\frac{1}{2}$ in.
- Strikes:** Cast Iron, Rim Type No. 1C; Wrought Steel, Plated, Reverse Bevel, Type No. 3.
- Bolt:** Cast Bronze.
- Cylinder:** 1, No. 1290, 6 Pins, Changes practically unlimited, page 343.
- Keys:** 3 Liberty Silver, Class No. 981, page 346.
- Master-Keying:** Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
- Operation:** By key from outside, turn knob inside. Stop can be set to hold latch bolt retracted.

One-twelfth dozen in a box, with screws; three dozen in a fibre container, weight 68 lbs.



Number
1690

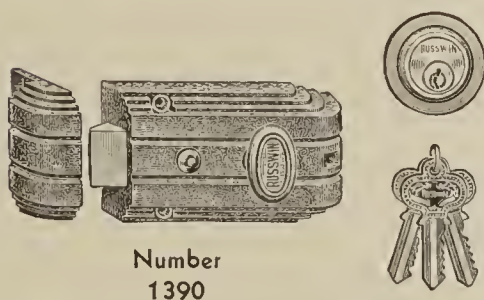
PERTINENT FEATURES

Competitive Type
Cast Bronze Bolt
Russwin 6 Pin Tumbler
Ball Bearing Cylinder
Auxiliary Latch
Dead Locks Latch Bolt

- 1290 $\frac{1}{4}$**
- Description:** Same as 1290, except has Case $2\frac{3}{8} \times 3$ in.
- Backset:** $1\frac{3}{4}$ in.
- Operation:** Same as 1290.

1690

- Description:** Same as 1290.
- Operation:** By key from outside, turn knob inside. Stop can be set to hold latch bolt retracted.
- Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of latch and strike.



Number
1390

PERTINENT FEATURES

Modernistic Type
Furnished in Painted Colors, Ivory Black, Blue, Dark Tan, Light Tan, Yellow Ivory and Green to match Painted Interiors
Specify Finish

- 1390**
- Case:** $2\frac{3}{8} \times 3\frac{3}{4}$ in., Cast Iron. *Specify Finish.
- Hand:** Reversible by reversing bolt and using flat strike packed with Latch.
- Backset:** Regular, $2\frac{7}{16}$ in., for doors 1 to $2\frac{1}{2}$ in. thick.
- Strikes:** Cast Iron, Rim Type, with concealed screws; Wrought Steel, Plated, Reverse Bevel, Type No. 3.
- Bolt:** Cast Bronze.
- Cylinder:** 1, No. 1290, 6 Pins, Changes practically unlimited, page 343.
- Keys:** 3 Liberty Silver, Class No. 981, page 346.
- Master-Keying:** Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
- Operation:** By key from outside, turn knob inside. Stop can be set to hold latch bolt retracted also to dead lock against key.

One-twelfth dozen in a box, with screws; one dozen in a fibre container, weight $23\frac{3}{4}$ lbs.

Illustrations One-quarter Size

*Finishes: Wrinkled Black; Wrinkled Lemon; Wrinkled Maroon. Specify Finish Desired.

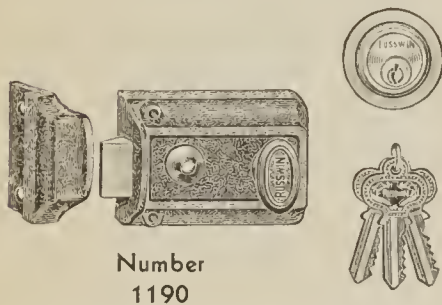
Cylinder Collars furnished with these latches are of the improved type, which prevents tampering with the Cylinder and can be used on doors with a minimum thickness of 1 inch when collar is reversed.

Cylinders only, or Cylinder and Turn Knobs are regularly furnished in Finish 11, unless otherwise specified.

For Garage Door Locks, see page 490.

Rim Night Latches

Pin Tumbler Cylinders



Number
1190

PERTINENT FEATURES

Competitive Type
Cast Iron Bolt
5 Pin Tumbler Cylinder
Slide Stop can be set to
Dead Lock against Key

1190

- Case: $2\frac{3}{8} \times 3\frac{5}{8}$ in., Cast Iron. *Specify Finish.
 Hand: Reversible by reversing bolt and using flat strike packed with Latch.
 Backset: Regular, $2\frac{7}{16}$ in. for doors, 1 to $2\frac{1}{2}$ in.
 Strikes: Cast Iron, Rim Type with Concealed Screws; Wrought Steel, Plated, Reverse Bevel, Type No. 3.
 Bolt: Cast Iron.
 Cylinder: 1, No. 1190, 5 Pins, Changes practically unlimited, page 343.
 Keys: 3 Liberty Silver, Class No., 981, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: By key from outside and turn knob inside. Stop can be set to hold latch bolt retracted. Also to dead lock against key.
 One-twelfth dozen in a box, with screws; three dozen in a fibre container, weight 68 lbs.

1190 $\frac{3}{4}$

- Description: Same as 1190 but with Flat Strike for regular hand doors.
 Operation: Same as 1190.



Number
100

PERTINENT FEATURES

Furnished with Small Key and
Four Pin
Tumbler Cylinder
Bronze Bolt

100

- Case: $2\frac{1}{4} \times 3$ in., Cast Iron. *Specify Finish.
 Hand: Reversible by reversing bolt and using flat strike packed with latch.
 Backset: Regular, 2 in., for doors $\frac{7}{8}$ to $2\frac{1}{2}$ in.
 Strikes: Cast Iron, Japanned, Rim Type No. 1G; Wrought Steel, Plated, Reverse Bevel, Type No. 3.
 Bolt: Cast Bronze.
 Cylinder: 1, No. 100, 4 Pins, 2000 Changes, page 343.
 Keys: 3 Liberty Silver, Class No. 861, page 346.
 Operation: By key from outside, turn knob inside. Stop can be set to hold latch retracted.
 One-twelfth dozen in a box, with screws; three dozen in a fibre container, weight 40 lbs.

Illustrations One-quarter Size

*Finishes: Wrinkled Black; Wrinkled Lemon; Wrinkled Maroon; Specify Finish Desired.

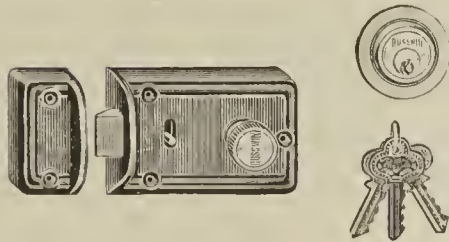
Cylinder Collars furnished with these latches are of the improved type, which prevents tampering with the Cylinder and can be used on doors with a minimum thickness of 1 inch when collar is reversed.

Cylinders only, or Cylinder and Turn Knobs are regularly furnished in Finish 11, unless otherwise specified.

For Garage Door Locks, see page 490.

Rim Night Latches

Pin Tumbler Cylinder



Number
1666

1666

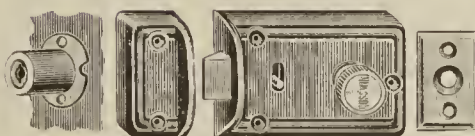
- Case: 2 x 3 $\frac{3}{16}$ in., Cast Iron, Japanned.
 Hand: Reversible by reversing bolt and using flat strike packed with latch.
 Backset: Regular, 2 $\frac{1}{8}$ in. for doors $\frac{7}{8}$ to 2 $\frac{1}{2}$ in.
 Strikes: Cast Iron, Japanned, Rim Type No. 1H; Wrought Steel, Plated, Reverse Bevel Type No. 3.
 Bolt: Cast Iron, Plated.
 Cylinder: 1, No. 100, 4 Pins, Changes: 2000, page 343.
 Keys: 3 Liberty Silver, Class No. 861, page 346.
 Operation: By key from outside, turn knob inside. Stop can be set to hold latch bolt retracted.

One-twelfth dozen in a box, with screws; three dozen in a fibre container, weight 40 lbs.

Cylinder Collar furnished with this latch is of the improved type which prevents any tampering with the cylinder and can be used on doors with a minimum thickness of $\frac{7}{8}$ inch when collar is reversed. Cylinders only, or Cylinder and Turn Knobs are regularly furnished in Finish 11, unless otherwise specified.

Tubular Cylinder

1654

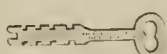
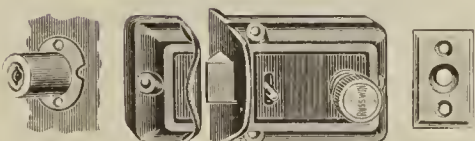


Number
1654

- Case: 2 x 3 $\frac{3}{16}$ in., Cast Iron, Japanned.
 Hand: Reversible by reversing bolt and using flat strike packed with latch.
 Backset: Regular, 2 $\frac{1}{8}$ in. for doors 1 to 2 in.
 Strikes: Cast Iron, Japanned, Rim Type No. 1H; Wrought Steel, Plated, Reverse Bevel Type No. 3.
 Bolt: Cast Bronze.
 Tumblers: 3 Steel, Changes: 6.
 Keys: 2 Nickel Plated Steel, Class No. 441 $\frac{3}{4}$, page 351.
 Operation: By key from outside, by turn knob from inside. Stop can be set to hold latch bolt retracted.

One-twelfth dozen in a box, with screws; three dozen in a fibre container, weight 34 lbs.

1652



Number
1652

- Case: 2 $\frac{1}{4}$ x 3 in., Cast Iron, Japanned.
 Hand: Reversible by reversing bolt and using flat strike packed with latch.
 Backset: Regular, 2 in. for doors 1 to 2 in. thick.
 Strikes: Cast Iron, Japanned, Rim Type No. 1G; Wrought Steel, Plated, Reverse Bevel Type No. 3.
 Bolt: Cast Iron, Plated.
 Tumblers: 3 Steel, Changes: 6.
 Keys: 2 Nickel Plated Steel, Class No. 441 $\frac{3}{4}$, page 351.
 Operation: By key from outside, turn knob inside. Stop can be set to hold latch bolt retracted.

One-twelfth dozen in a box, with screws; three dozen in a fibre container, weight 34 lbs.

Illustrations One-quarter Size

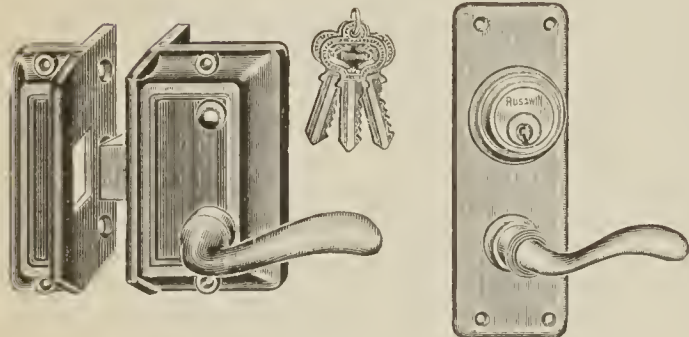
For Garage Door Locks, see page 490.

Cylinder Rim Latch Sets

Russwin Ball-Bearing Cylinders

For Store Doors

Illustrations One-quarter Size

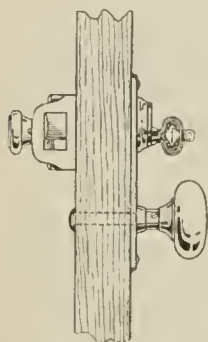


- Case: Cast Iron, Japanned, $4\frac{1}{4} \times 2\frac{3}{8}$ in.
- Hand: Not reversible: specify hand, page 236.
- Backset: $1\frac{1}{2}$ in. Hub, $\frac{3}{8}$ in.
- Strike: Cast Iron, Japanned.
- Bolt: Bronze.
- Cylinder: 1. Changes practically unlimited.
- Keys: 3 Liberty Silver, Class No. 852; see page 346.
- Master-Keying: Can be master-keyed in sets, as desired, with other Russwin Cylinder Locks; see page 355.
- Operation: Latch bolt by lever from either side. Latch may be deadlocked from outside by key; from inside by the stop. Stop may be released at all times by the key.

Set Number	Latch	Cylinder	One Pair Levers	One Escutcheon
149	Japanned	Polished Bronze	Polished Bronze	†935 Roxbury
149C	Antique Copper	Polished Bronze	Polished Bronze	†935 Roxbury

One set in a box, with screws.

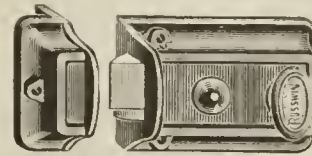
For Entrance Doors



Applied



Knob 382
Esc. 935 Roxbury



Latch 1690

Set Number	Latch	One-half Pair Knobs	Closet Spindle	One Escutcheon
1690K1	1690 Japanned	382	2033	†935 Roxbury

†Polished Bronze. Cut to fit.

For description of Latch, see page 331; Knob, page 221; Spindle, page 233; Escutcheon, page 166.

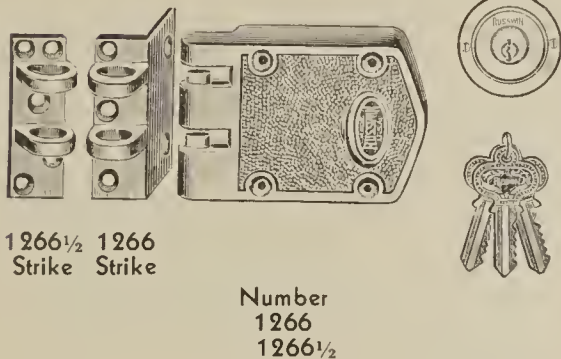
One set in a box, with screws.

Five dozen in a case; weight, 147 lbs.

Safety Rim Dead Locks

Russwin Ball-Bearing Cylinders

1266



Number
1266
1266 1/2

PERTINENT FEATURES

Single Cylinder for Store Doors
with Solid Panels

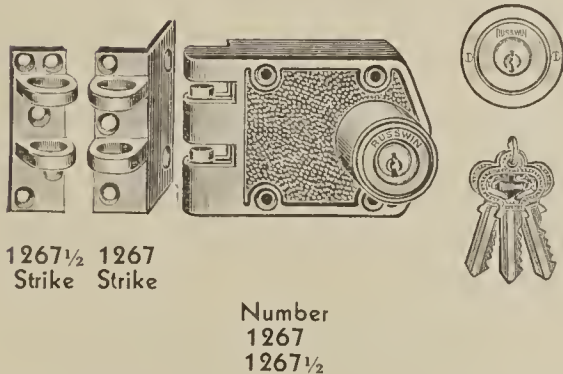
- Case: 2 7/8 x 4 7/16 in., Die Cast Metal, Bronze Plated.
Hand: Reversible.
Backset: Regular, 2 3/8 in. for doors, 1 1/8 to 2 in.
Strike: Angle, Cast Bronze, Plated.
Bolts: Steel, Hardened, Bronze Plated.
Cylinder: 1, No. 290, 6 Pins, Changes practically unlimited, page 343.
Keys: 3 Liberty Silver, Class 981, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: By key from outside, turn knob inside.

1267

- Description: Same as 1266 except has two cylinders and no turn knob.
Operation: By key from either side.

Nos. 1266 and 1267 for single doors opening in, double doors opening in, double doors opening out and double sliding doors.

1266 1/2



Number
1267
1267 1/2

PERTINENT FEATURES

Double Cylinder for Store Doors
with Glass Panel Safeguards
against opening without Key

- Case: 2 7/8 x 4 7/16 in., Die Cast Metal, Bronze Plated.
Hand: Reversible.
Backset: Regular, 3 1/2 in., for doors, 1 1/8 to 2 in.
Strike: Flat, Cast Bronze, Plated.
Bolts: Steel, Hardened, Bronze Plated.
Cylinder: 1, No. 290, 6 Pins, Changes practically unlimited, page 343.
Keys: 3 Liberty Silver, Class 981, page 346.
Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
Operation: By key from outside, turn knob inside.

1267 1/2

- Description: Same as 1266 1/2 except has two cylinders and no turn knob.
Operation: By key from either side.

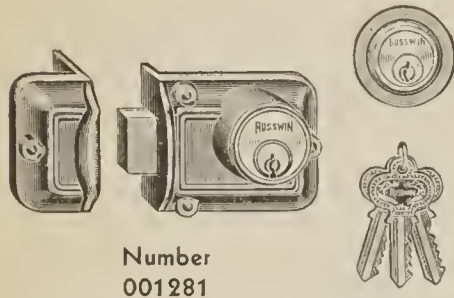
Nos. 1266 1/2 and 1267 1/2 for single doors opening out and single sliding doors.

Illustrations One-quarter Size

One in a box, with screws; twelve in a fibre container, weight No. 1266, 12 lbs.; No. 1266 1/2, 9 lbs. 10 oz.; No. 1267, 27 lbs. 12 oz.; No. 1267 1/2, 24 lbs. 12 oz.

Rim Dead Locks

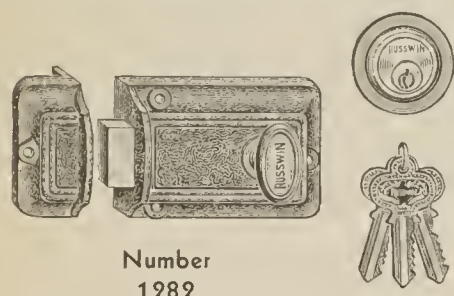
Russwin Ball-Bearing Cylinders



Number
001281

PERTINENT FEATURES
Cast Bronze Case and Bolt
For Narrow Stile Doors

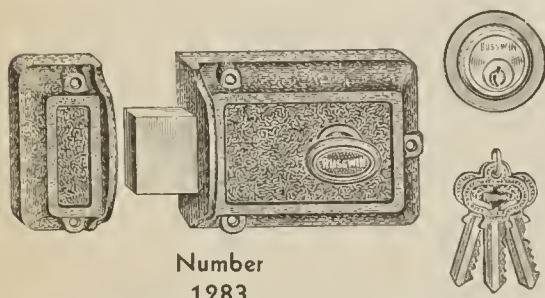
- 001281**
- Case: $2\frac{3}{8} \times 2\frac{7}{8}$ in., Cast Bronze, semi polished.
 Hand: Not reversible, specify hand, see page 237. For doors, $1\frac{1}{8}$ to $2\frac{1}{2}$ in. thick.
 Backset: Regular, $1\frac{3}{4}$ in., Special, none.
 Strikes: Cast Brass or Bronze, Rim, Type No. 1C; Wrought Bronze, Reverse Bevel, Type No. 3.
 Bolt: Cast Bronze.
 Cylinders: 1 No. 0 with Special Cam and 1 No. 1290, 6 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 981, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: Bolt is operated by key from either side at all times.



Number
1282

PERTINENT FEATURES
Competitive Type
Cast Bronze Bolt

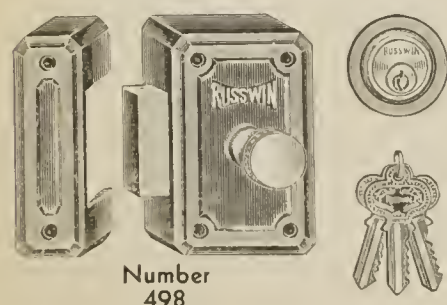
- 1282**
- Case: $2\frac{3}{8} \times 3\frac{3}{8}$ in., Cast Iron. *Specify Finish.
 Hand: Reversible, for Doors $\frac{7}{8}$ to $2\frac{1}{2}$ in. thick.
 Backset: Regular, $2\frac{1}{2}$ in., Special, $1\frac{7}{8}$ in. Width of Case $1\frac{1}{8}$ in. more than Backset.
 Turn Knob: Bronze, Oval.
 Strikes: Cast Iron, Rim, Type No. 1C; Wrought Steel, Plated, Reverse Bevel, Type No. 3.
 Bolt: Cast Bronze.
 Cylinder: 1 No. 1290, 6 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 981, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: Bolt is operated by key from outside and by turn knob from inside.



Number
1283

PERTINENT FEATURES
For Store Doors
1 in. Throw Dead Bolt

- 1283**
- Case: $3 \times 3\frac{15}{16}$ in., Cast Iron. *Specify Finish.
 Hand: Reversible, for Doors 1 to $2\frac{1}{2}$ in. thick.
 Backset: Regular, $2\frac{1}{2}$ in., Special, none.
 Strikes: Cast Iron, Rim Type 1C, for Doors opening in. Flat, Cast Iron, for Doors opening out.
 Bolt: Cast Bronze, 1 in. Throw.
 Cylinder: 1 No. 1290, 6 Pins, Changes practically unlimited, page 343.
 Keys: 3 Liberty Silver, Class 981, page 346.
 Master-Keying: Can be master-keyed as desired with other Russwin Cylinder Locks, page 355.
 Operation: By key from outside, turn knob inside. One-quarter turn of turn knob throws Bolt 1 in. Full turn of Key either throws or withdraws Bolt.



Number
498

PERTINENT FEATURES
For Doors with Narrow Stiles

- 498**
- Case: $4 \times 2\frac{1}{2}$ in., Cast Iron, Japanned.
 Hand: Reversible, for Doors $\frac{7}{8}$ to $2\frac{1}{2}$ in. thick.
 Backset: Regular, $1\frac{1}{4}$ in., Special, none.
 Turn Knob: Bronze.
 Strike: Cast Iron, Japanned, Rim, Type No. 1J.
 Bolt: Cast Bronze.
 Cylinder: 1 No. 498, 6 Pins, Changes practically unlimited.
 Keys: 3 Liberty Silver, Class No. 981, page 346.
 Master-Keying: Can be master-keyed in sets as desired with other Russwin Cylinder Locks, page 355.
 Operation: Bolt is operated by key from outside and by turn knob from inside.

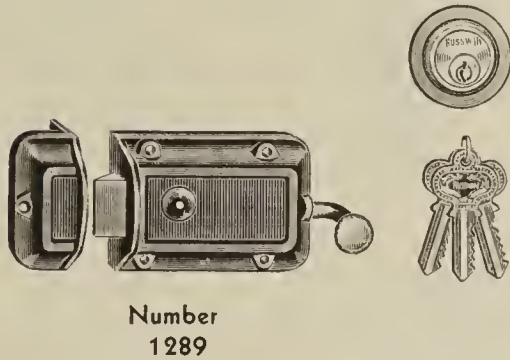
- 499**
- Description: Same as 498, except case is 5×3 in.
 Backset: Regular $1\frac{1}{2}$ in., Special, none.
 Operation: Same as 498.

*Finishes: Wrinkled Black, Wrinkled Lemon, Wrinkled Maroon. Specify Finish Desired.

One in a box with screws.

Rim Draw Back Locks

1289



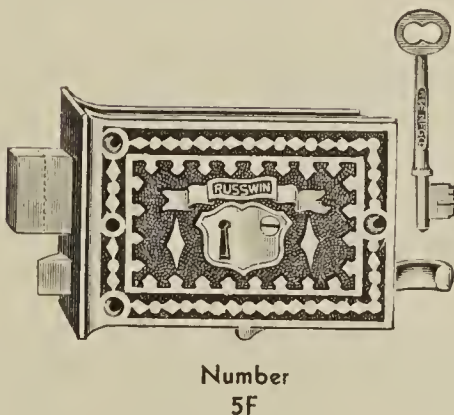
- Case: Cast Iron, Japanned, $2\frac{3}{8} \times 3\frac{5}{8}$ in.
- Hand: Reversible by reversing bolt and using flat strike packed with latch.
- Backset: Regular, $2\frac{1}{2}$ in. for doors $\frac{7}{8}$ to $2\frac{1}{2}$ in.
- Strike: Cast Iron, Japanned, Rim, Type No. 1C, or Wrought Steel, Plated, Reverse Bevel, Type No. 3.
- Bolt: Cast Bronze.
- Cylinder: 1. No. 1290. Changes practically unlimited; see page 343.
- Keys: 3 Liberty Silver, Class No. 852; see page 346.
- Master-Keying: Can be master-keyed as desired in sets with other Russwin Cylinder Locks, see page 355.
- Operation: By key from outside and draw bolt inside. Stop can be set to deadlock the latch against the key and also to hold it retracted.

1289C

As 1289, except Case and Strike is Old Copper Finish.

One-twelfth dozen in a box, with screws; six, or ten, dozen in a case. Weights: six dozen, 151 lbs.; ten dozen, 294 lbs.

5F



Illustrations One-quarter Size

- Case: Cast Iron, Kahala finish, $4 \times 5\frac{5}{8}$ in.
- Hand: Reversible.
- Backset: Regular, $2\frac{5}{8}$ in., Special, none.
- Strike: Cast Iron, Kahala, Rim, Type No. 1.
- Bolt: Polished Iron, with Double Throw Dead Bolt.
- Keys: 2 Nickel Plated Steel. Class No. 5F. Changes Nos. 31-54 and 61-72.
- Operation: Latch Bolt can be operated by key from outside and draw bolt inside, except when the Latch Bolt is set by the stop on case. Stop can also be set to hold latch in retracted position. In addition it has a dead bolt which has the double throw feature that can be operated by key from either side.

One in a box, with screws; three dozen in a case; weight, 122 lbs.

Lock Strikes

Illustrations One-quarter Size

Specify lock with which strike is to be used, type of strike, hand and finish.

For Rim Locks, Latches and Night Latches



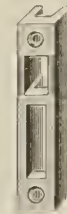
Type 1



Type 1A



Type 1L



Type 2



Type 3

Type	Description	For Locks and Latches
1	Cast Iron, Japanned	5F, 595, 599, 805, 839, 881M, 882M, 1806, 2408, 2458, 2498
1A	Wrought Steel, Japanned	4800, 4801
1L	Wrought Steel, Japanned	4200, 3600, 3610
2	Cast Iron, Japanned	4200, 4800 (Reverse Bevel)
3	Wrought Steel, Plated	99, 99C, 100, 100C, 101, 101C, 290, 290C, 690, 690C, 1282, 1289, 1289C, 1290, 1290C, 1290 1/4, 1290 1/4C, 1291, 1291C, 1295, 1295C, 1652, 1654, 1666, 1690, 1690C, 001281, 001290 1/4, 001295.

For Mortise Latches, Dead Locks and Sliding Door Locks



Type 4



Type 4A



Type 4B



Type 4C



Type 4D



Type 5



Type 5A

Type	Lip to Center	Description	For Locks and Latches
4	1 1/2 in.	Cast Brass or Bronze	023, 028, 095, 345 3/4, 347, 1241 3/4EM, 1243 1/2, 1246 3/4EM, 1297, 1297 1/2, 9128
4	1 1/4 in.	Wrought Brass or Bronze	021, G024, 025, 026, 029, 042, F046, 0047 1/2, 050, 0122 1/2, 0123 1/2, 01041, 1223, 1238 1/2, F1238 1/2, 1239 1/2, 1239 3/4, F1247 1/2, 1248 1/2, 1250SOM, 1258 1/2M, 1258 5/8MP, 7047 1/2, 11248 1/2, 11258 1/2M
4	1 1/4 in.	Wrought Steel	043, 1030, 01030, 7122 1/2
4A	1 1/4 in.	Cast Brass or Bronze	1096
4B	1 1/4 in.	Cast Brass or Bronze	1429, 1457, 1457 1/2M, 01457, 01457 1/2M
4B	1 1/4 in.	Wrought Brass or Bronze	0441, 0442, 444 3/4, 0444 3/4, 0445 3/4, 1294, 1294 1/2, 1446EM, 1447EM, 1454, H1454, 1454 1/2, 1456, 1458 1/2M, 1458 5/8MP, 9152 1/2M, 11456, 11458 1/2M
4C	1 1/4 in.	Cast Brass or Bronze	0197M, 0440, 00125
4D	1 1/4 in.	Cast Brass or Bronze	G024 1/2, 030 1/2, 052, 052 1/2, 1298, 1298 1/2
5	No Lip	Cast Brass or Bronze	078, 078 3/4, 0031 1/2, 0783M, 0786, 0787, 1090M, 1094 1/4, 1094 1/2, 1205, 1205 1/2, 1207, 1207 1/2, 1385, 1385 1/2, 1394, 1394 1/2
5	No Lip	Wrought Brass or Bronze	074, 074 3/4, 076, 076 3/4, 1203, 1203 1/2, 01203, 01203 1/2
5	No Lip	Wrought Steel	01331 1/2
5A	No Lip	Cast Brass or Bronze	1204, 1204 1/2

Finishes described on pages 16 to 18.

Lock Strikes

Illustrations One-quarter Size

Specify lock with which strike is to be used, type of strike, hand and finish

For Mortise Locks



Type 6



Type 6A



Type 7



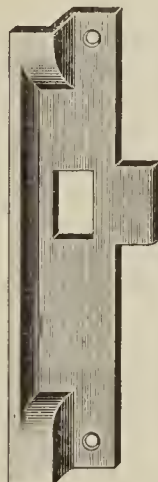
Type 7A



Type 8



Type 10



Type 10A



Type 10B



Type 10C



Type 16W

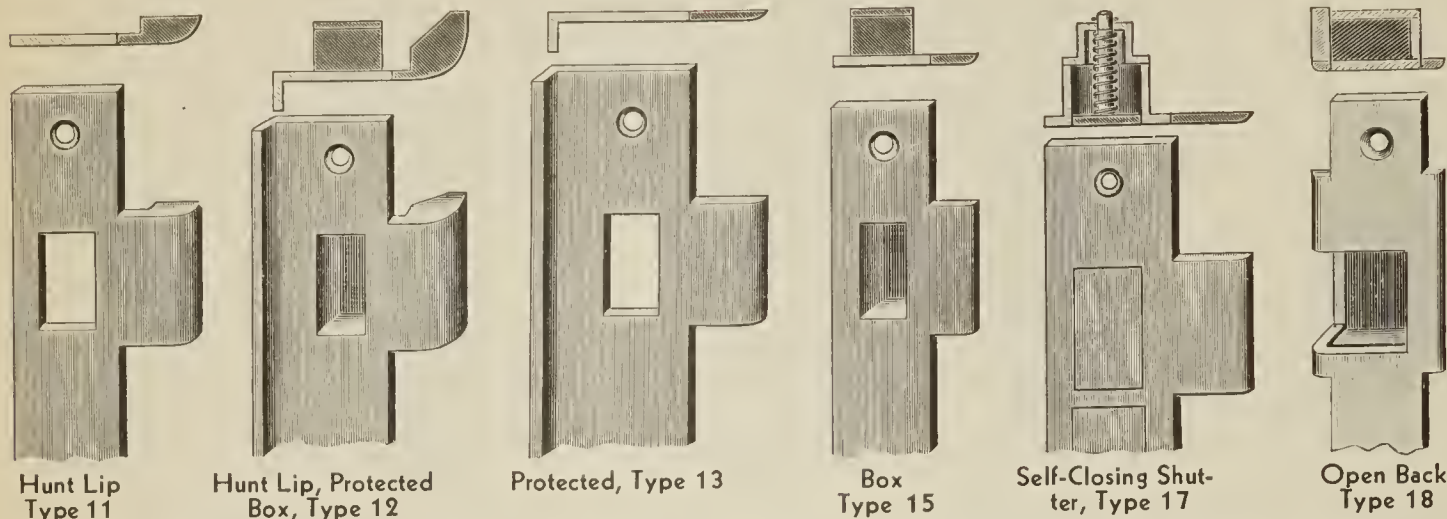
Type	Lip to Center	Description	For Mortise Locks
6	1 1/4 in.	Cast Brass or Bronze	0019 3/4, 0055, 0055 3/4, 0065, 0142M, 0365, 387 3/4, 0396, 0397 738, 738 3/4
6	1 1/4 in.	Wrought Brass or Bronze	0022 3/4M, 0122, 0123, 223, 223 1/2, G231, 233, 233 1/2, 234, 236, 236 1/2, 355, 0370, 0370 3/4, 0374, 0374 3/4, 380 3/4, G381 3/4, 382 3/4, 384 3/4, 0384 3/4M, 0389, 734, 01009, 01010, 01011
6	1 1/4 in.	Wrought Steel	221, 351, 731, 01001, 01006, 01007, 01008, 7122
6A	1 in.	Cast Brass or Bronze	0068, 246, G291, G391 3/4, 394 3/4, 739, 739 3/4
7	1 1/4 in.	Cast Brass or Bronze	0012 3/4M, 0015 3/4M, 0015 3/4EM
7A	1 1/4 in.	Cast Brass or Bronze	608 1/4EM, 609 1/4EM, 610 1/4EM, 619 1/4EM, 1236EM
8	1 1/2 in.	Cast Brass or Bronze	237, 237 1/2, 348 3/4, 726 3/4, 1121 3/4M, 1122 3/4M, 1133 3/4M, 1134 3/4M, 1228, 1228 1/2, 1232EM, 1234 1/2EM, 1243, 1384 3/4, 1387 3/4, 1448EM, 1449EM, 9118, 9119, 9132
8	1 1/4 in.	Wrought Brass or Bronze	139, 239, 239 1/2, 1213, 1225, 1225 1/2, 1233EM, 1233AEM, 1233REM, 1233 1/2REM, 1233SOM, 1238, F1238, F1247, 1248, 9098, 11213, 11224, 11224 1/2, 11248, 11748
8	1 1/4 in.	Wrought Steel	7139
10	1 1/4 in.	Cast Brass or Bronze	139 1/2, 1213 1/2, 1265, 1265 1/2, 1273, 1278, 9098 1/2
10A	1 1/4 in.	Cast Brass or Bronze	1273 1/2, 1278 1/2
10B	1 1/4 in.	Cast Brass or Bronze	F1277
10C	1 1/4 in.	Cast Brass or Bronze	F1277 1/2, 1476
16W		Wrought Box Strike	

(For use with regular strikes for the following latches and locks:

Latches: 023, G024, 025, 026, 029, 042, 043, F046, 0047 1/2, 050, 1294, 1294 1/2, 1454, 1454 1/2, 6025, 6028, 7047 1/2.
 Locks: 074, 074 3/4, 076, 076 3/4, 0122, 0122 1/2, 0123, 0123 1/2, G231, 233, 233 1/2, 234, 236, 236 1/2, 0370, 0370 3/4, 0374, 0374 3/4, 380 3/4, G381 3/4, 384 3/4M, 0384 3/4, 0441, 0442, 444 3/4, 0444 3/4, 0445 3/4, 1203, 1203 1/2, 1213, 1223, 1225, 1225 1/2, 1233EM, 1233AEM, 1233REM, 1233 1/2REM, 1238, F1238, 1238 1/2, F1238 1/2, 1239 1/2, 1239 3/4, F1247, F1247 1/2, 1248, 1248 1/2, 1250SM, 1258 1/2M, 1446EM, 1447EM, 1456, 1458 1/2M, 1458 3/4MP, 6000 Series, 7122, 9152 1/2M, 11213, 11223, 11224, 11224 1/2, 11248, 11248 1/2, 11248 3/4, 11258 1/2M, 11456, 11458 1/2M.

Finishes described on pages 16 to 18.

Lock Strikes



Hunt Lip Strike, Type 11—These strikes are made with the lip especially shaped to conform to the outline of the door casing. Furnished to order with any mortise lock. When ordering it is necessary to send a full size detail section of the door jamb or casing; also state hand and thickness of door.

Hunt Lip Protected Box Strike, Type 12—A protected box strike with Hunt lip.

Protected Strike, Type 13, affords security against attempt to force back the bolt when latches are applied to doors opening in. As shown in the illustration, the main feature of its construction is the flange, which prevents the insertion of any instrument through the slot of the door jamb, with intent to press back the latch bolt. Furnished, when so ordered, with any mortise lock. Orders should specify hand and thickness of door.

Protected Box Strike, Type 14 not illustrated. A lip strike with protecting flange, same as type 12 but with regular lip.

Box Strike, Type 15—The essential feature of this strike is the metal "box" to receive the bolt or bolts, by which means all raw wood exposed in mortising is covered, and the best possible finish imparted to the door jamb. Furnished regularly with 9452, 9452½, 9458 and 9458½ locks. When so ordered will be furnished with any mortise lock. Specify hand of door.

Self closing Shutter Strike, Type 17—The bolt hole is automatically closed by the spring action when the bolt is withdrawn. Adapted for use with sliding door locks and can be furnished for other types of locks.

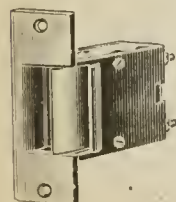
Open Back, Type 18—For use on pairs of doors operated by Door Closer when control makes it necessary to use a latch type lock. This type Strike allows the inactive door to close before the active door without damaging the latch.

Cast Brass or Bronze

Type	Description	Type	Description
11	Hunt Lip	15	Box
12	Hunt Lip Protected Box	17A	Self-Closing Shutter, for 1 Bolt Lock
13	Protected	17B	Self-Closing Shutter, for 2 Bolt Lock
14	Protected Box (see page 256)	18*	Open Back Strikes

Cast Brass or Bronze Strikes with extra long lips; Strikes with lips shorter than regular; Strikes with curved or rounded lips furnished on order.

Electric Strikes or Door Openers



1248 1/2

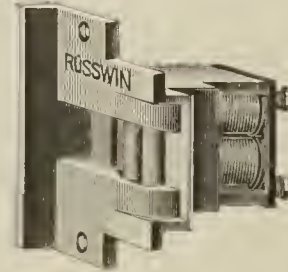


Pusher for 1248 1/2

The action of the pusher throws the door open when the strike is released. A pusher is furnished with each strike.



Pusher No. 1



2156

Dimensions

Number	Front	Case
1248 1/2	3 3/8 x 1 1/4 in.	2 x 2 3/4 x 1 in.
2156	4 1/4 x 2 1/2 in.	2 1/2 x 2 3/4 in.

Number	Front	For Latches, Numbers
1248 1/2	Cast Brass or Bronze	0122 1/2, 11223, 1238 1/2, 11248 1/2, 11258 1/2M, 1294, etc.
2156*	Cast Brass or Bronze	All Russwin Unit Locks with Latch Bolt only

* Specify hand and thickness of door.

Specify finish and number of lock with which strikes are to be used. Finishes described on pages 16 to 18.

Cylinders

Patented

The Russwin Ball Bearing Pin Tumbler Cylinders, illustrated herewith, are used with the Russwin Mortise Locks and Latches described in this catalogue.

Construction of Cylinder

Fig. 1

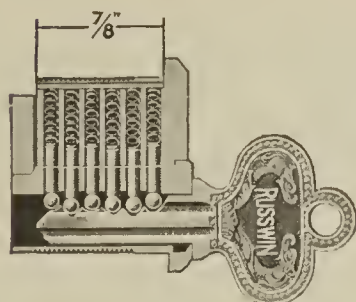


Fig. 1

The sectional cut illustrates the construction of these cylinders. They are composed of two parts: cylinder plug and cylinder shell, both of which contain pins. By the insertion of the key, these pins part at the line of division between the cylinder plug and cylinder shell, and permit the plug to rotate. The cylinders contain Liberty silver balls to give greater ease of operation and to reduce wear by eliminating friction. A cam at the end of the plug actuates the bolt mechanism of the lock. The cut shows the key fully inserted, the plug free to rotate and to throw the bolt.

The construction of these cylinders is such that the cylinder should be placed so that the springs will be above the pins. This position of the cylinder is absolutely necessary to obtain the best results, and all Russwin Cylinder Locks are regularly made so that the cylinder should be placed above the knob.

Fig. 2

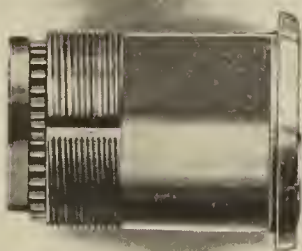


Fig. 2

Under certain conditions it has been found necessary to reverse the position of the lock, in applying, and to place the cylinder below the knob, and in this connection we have perfected a cylinder which can be so used and still be right side up; that is, with the springs above the pins. The reverse acting cam device illustrated herewith effectually accomplishes this purpose. Can be furnished to order for any thickness of door.

Fig. 3



Fig. 3

Illustrating the Russwin key-way and cross section of key. Advantages: the key is truly paracentric, giving added security; the pins travel always in the center of the key bitting, giving ease and smoothness of operation; the strength of the key is greatly increased. This key-way, and key, Class No. 852, is furnished on all Russwin Cylinders.

Measurement of Cylinders

When measuring cylinders give distance from back of face plate to the back edge of the cylinder NOT INCLUDING the cam. See illustration on page 343 for correct way to measure.

Adjustable Cylinder Rings Furnished with Mortise Cylinders

Fig. 4

These rings are made in two thicknesses, viz.: No. A, $\frac{5}{16}$ in. depressed; No. B, $\frac{3}{16}$ in. depressed. The construction is such that they compensate for any slight deviation in applying the lock case from a line parallel with the face of the door stile.



Fig. 4
Adjustable Cylinder Ring

Dummy Cylinders

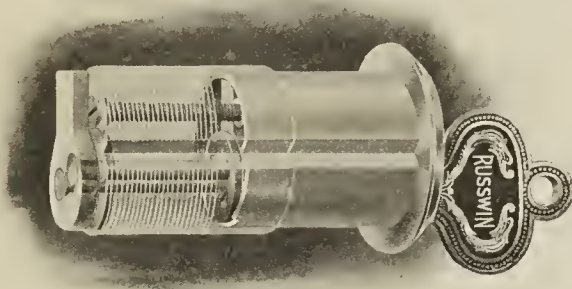
Are detachably applied to Cylinder Escutcheon Plates when they are to be used as "Dummy" or Double Trim. When ordered with escutcheon, prefix D to number of escutcheon.

Do Not Oil Russwin Cylinders

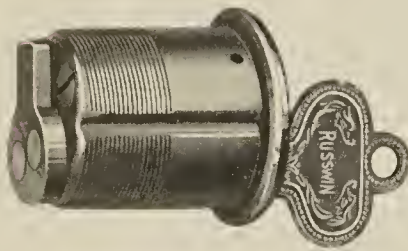
In ordinary use these cylinders do not require lubricating, but should the key-way become clogged with dirt, we suggest that a very small quantity of powdered graphite (this may be shaved from the point of a lead pencil) be applied to the key, and thus introduced into the key-way.

Adjustable Cylinders

Patented



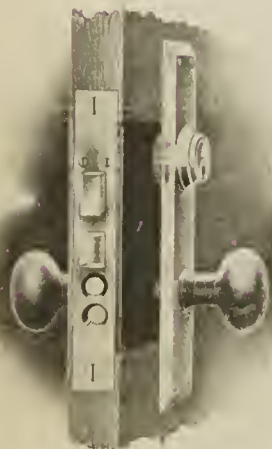
Cylinder No. 8, 18 Extended



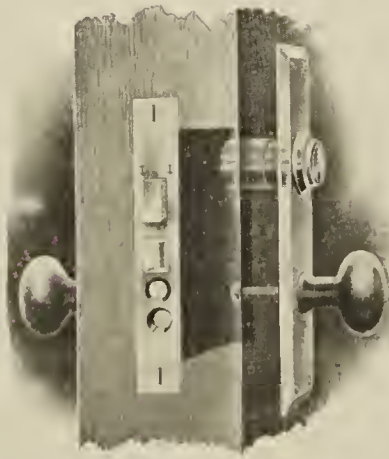
No. 8, not Extended



No. 17



Applied to 1 3/4 inch Door



Applied to 3 1/8 inch Door

Adjustment is made by turning the adjusting screw at the back of the cylinder. This action lengthens or shortens the barrel of the cylinder to the required length and provides an adjustment to the hundredth part of an inch.

The advantages of this new adjustable cylinder are obvious. To the dealer it means freedom from the troubles heretofore necessitated by the different lengths of cylinders required for various thicknesses of doors. To the consumer it means the prompt delivery of stock goods without the exasperating delays so often incident to the necessary changing of cylinders.

A Russwin cylinder lock set, fitted with a number 8 or 18 adjustable cylinder, can be taken from stock and applied to any door that is from 1 3/4 to 3 1/8 inches thick.

Above measurements are based on a standard escutcheon 1/4 inch thick; if Cylinder Collars only are used they cannot be used on doors less than 2 inches or more than 3 5/8 inches thick.

A Russwin cylinder lock set, fitted with a number 17 adjustable cylinder, can be taken from stock and applied to any door that is from 1 1/4 to 2 1/2 inches thick.

Above measurements are based on a standard escutcheon 1/4 inch thick; if Cylinder Collars only are used they cannot be used on doors less than 1 3/4 inches or more than 3 inches thick.

Illustrating, on the left, the Russwin Adjustable Cylinder applied to a door 1 3/4 inches thick. Also, the same cylinder is shown applied to a door 3 1/8 inches thick.

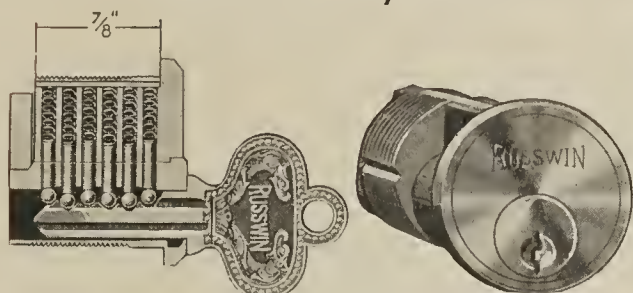
No. 17 and 18 Cylinders are used with Lock Nos. 11213, 11223, 11248, 11248 1/2, 11248 3/4 and 11748.

For Master-keying, see page 355.

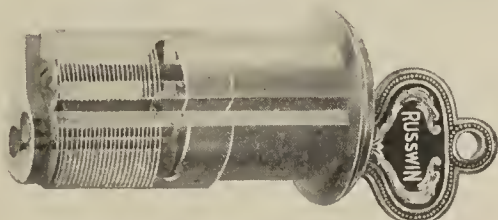
Cylinders

Ball Bearing

Mortise Lock Cylinders



Section showing 0 Cylinder and how length of cylinder is measured. Type of 0 to 6, †11



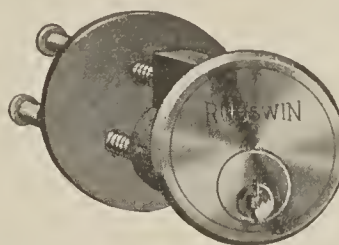
8, Adjustable—Type of 17 and 18

Rim Lock Cylinders

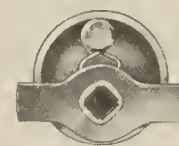


1290, Type of 498 and 1190

100



D Dummy



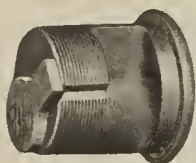
1248
Turn Knob
Attachment

Number	Length		Number	Type of Lock with which Cylinder is used
	Regular No. 981 Key-way			Regular 981 Key-way
0	$\frac{7}{8}$ in.	Cast Brass or Bronze	498	498, 499
0½	1 in.	Cast Brass or Bronze	290	Unit Night Latches
1	1¼ in.	Cast Brass or Bronze	1190	Night Latch 1190
2	1½ in.	Cast Brass or Bronze	1290	Standard Night Latches and Dead Locks
3	1¾ in.	Cast Brass or Bronze	100	Night Latches Nos. 100, 1666, No. 861 Key-way.
3½	2 in.	Cast Brass or Bronze	D	Dummy
4½	2½ in.	Cast Brass or Bronze	1248	Thumb Piece Attachment
5	2¾ in.	Cast Brass or Bronze		
6	3 in.	Cast Brass or Bronze		
8 Adjustable	1¼ to 1⅞ in.	Cast Brass or Bronze		
10*	1½ in.	Cast Brass or Bronze		
11†	1½ in.	Cast Brass or Bronze		
17† Adjustable	1½ to 1¾ in.	Cast Brass or Bronze		
18† Adjustable	1¼ to 1⅞ in.	Cast Brass or Bronze		

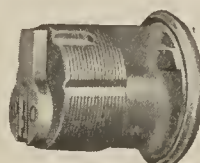
*Cylinder as No. 1 with Cylinder Plug only to show, see page 232 for Type as 913-C.

†With Special Cams used only with Locks No. 11213, 11216, 11224, 11224½, 11248, 11248½.

Special Cylinders



No. 1NR
Non Removable



No. 1HM
Hotel Cylinder



No. 00 Type of 00½, 01
Reverse Action

Number	Size	Features
1NR	1½ in.	This Cylinder is furnished with an Off Center Cam making it impossible to remove Cylinder from Lock without use of Key. To remove Cylinder insert Key in Cylinder Plug and turn Plug until Cam is centered, then remove. Available on all regular Cylinders, suffix Letters "N.R." to regular number.
1HM	1½ in.	This type Cylinder furnished with Change, Master, Grand Master and Emergency Keys. For use only with Lock 11224. Regular Hotel Lock operation results with operation as Lock 1232EM, page 283. Furnished only in No. 1 Cylinder. Not available in other numbers.
00	$\frac{7}{8}$ in.	Reverse Action as noted on page 341, Fig. 2.
00½	1 in.	
01	1½ in.	

Cylinder Rings



No. G, Type of H
Adjustable

Number	Description
F	Solid Cast Ring ¼ inch
G	Adjustable ⅝ in. when depressed
H	Adjustable ¾ in. when depressed
R1290	Plain (for use with 1290 Cylinders)
R100	Plain (for use with 100 Cylinders formerly No. 1291)



Number
R1290

Cylinder Repair Tools

Cylinder Parts and Lock Springs



Setting Up Vise



Shove Knife

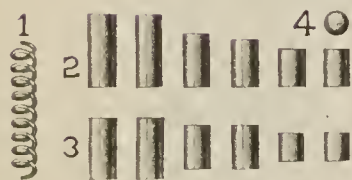


Setting Up Plug

Cylinder Repair Tools

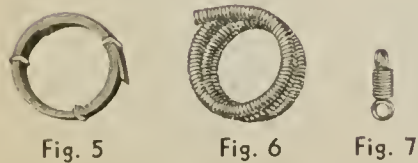
- Shove Knife
- Setting Up Plug
- Setting Up Vise

Cylinder Parts



Number	Description
Fig. 1	Spring for Pin Tumbler Cylinders.
Fig. 2	Pins for Pin Tumbler Cylinders.
Fig. 3	Drivers for Pin Tumbler Cylinders.
Fig. 4	Ball-bearings for Pin Tumbler Cylinders.
	Cams (Bits or Lugs) for Cylinders.
	Connecting Screws for Rim Cylinders.
	Set Screws for Mortise Cylinders.
	Slide Covers for all Cylinders.
	Spindles for Rim Cylinders.

Lock Springs



Number	Size, Width	Description
Fig. 5	$\frac{3}{16}$ in.	Flat Steel Lock Spring. Three feet in a Coil.
Fig. 5	$\frac{1}{4}$ in.	Flat Steel Lock Spring. Three feet in a Coil.
Fig. 5	$\frac{5}{32}$ in.	Flat Steel Lock Spring. Three feet in a Coil.
Fig. 6		Coiled Brass Wire Lock Spring. Three feet in a Box.
Fig. 7		Brass Extension Spring. $\frac{1}{4}$ Gross in a Box.

Cylinder Master, Grand Master and Emergency Keys

Illustrations Full Size



"Liberty Silver" Buffed Finish

No. 981 Type For Residential Work

No. 0981 Type For Hotels and Office Buildings

For All Russwin Cylinder Locks with No. 981 Key Ways

Class Number	Kind	Used For
981MB	Blanks	Keys No. 981M
981M	Master	Residential
981GM	Grand Master	Residential
0981M	Master	Office or Hotel
0981GM	Grand Master	Office or Hotel
0981EM	Emergency	Office or Hotel

Blanks are not furnished for Grand and Emergency Master Keys

When ordering Keys only, Specify Class Number, Name of Building and Owner or forward Sample of Keys.

Keys and Blanks

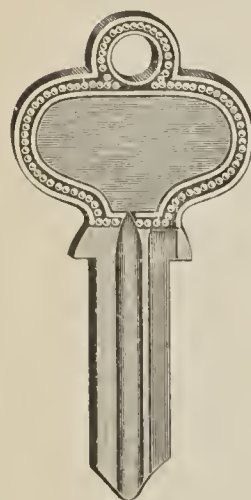
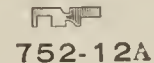
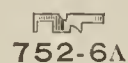
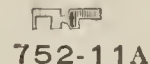
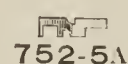
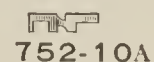
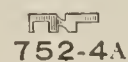
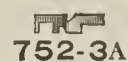
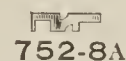
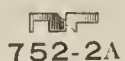
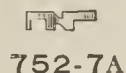
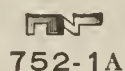
For Special Multiplex Key Systems

Illustrations Full Size

752B Special



752B

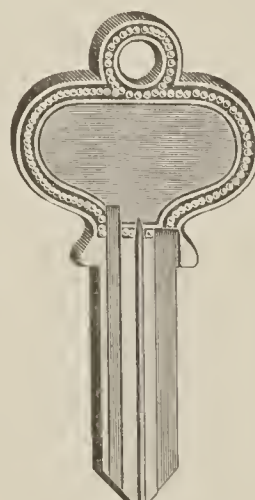
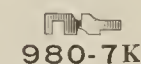
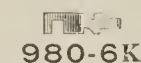
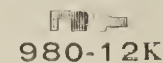
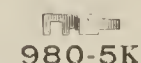
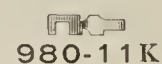
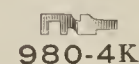
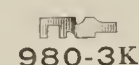
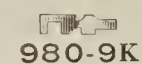
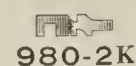
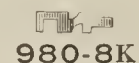
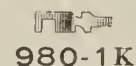


752 $\frac{3}{4}$ B

980B Special



980B



980 $\frac{3}{4}$ B

"Liberty Silver" Buffed Finish

Blank Number	Cut Key Number	For
†752B Special	752 Special	Regular Change
†752 $\frac{3}{4}$ B Special	752 $\frac{3}{4}$ Special	Plain Bow Change (Suitable for Stamping Numbers, etc.)
†980B Special	980 Special	Regular Change
†980 $\frac{3}{4}$ B Special	980 $\frac{3}{4}$ Special	Plain Bow Change (Suitable for Stamping Numbers, etc.)

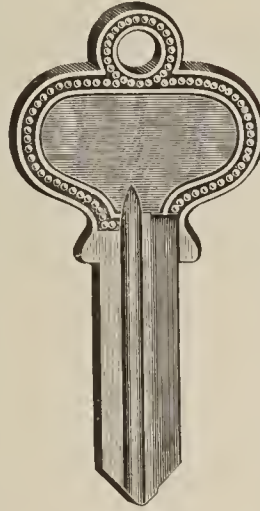
†When ordering Specify the Special Keyway desired listed above. Example: 752B-5A, 980B-12K.

Keys and Blanks

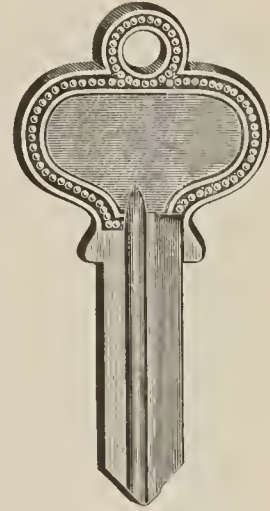
Illustrations Full Size



981B



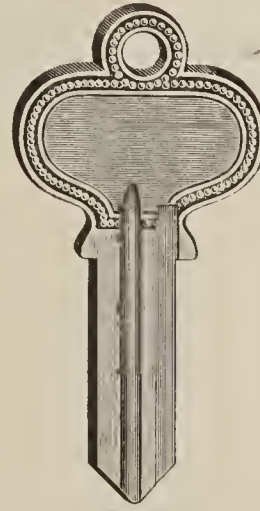
981 $\frac{3}{4}$ B



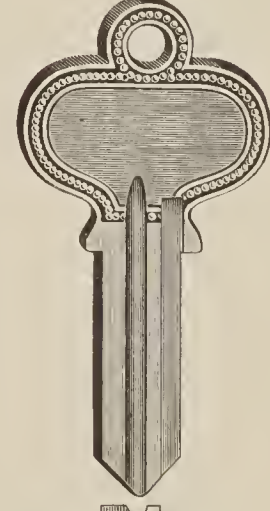
981 $\frac{7}{8}$ B



982B



982 $\frac{3}{4}$ B



982 $\frac{7}{8}$ B

"Liberty Silver" Buffed Finish

Blank Number	Cut Key Number	For
Blanks Present Style as used with Cylinders listed in this Catalogue Keys for All Russwin Locks with No. 981 Key Ways		
981B	981	Regular Change
981 $\frac{3}{4}$ B	981 $\frac{3}{4}$	Regular Change, Bow Plain One Side, Suitable for Stamping
981 $\frac{7}{8}$ B	981 $\frac{7}{8}$	Regular Change, Bow Plain Both Sides, Suitable for Stamping
Blanks For Russwin Cylinders with Special Key Ways		
982B	982	Regular Change
982 $\frac{3}{4}$ B	982 $\frac{3}{4}$	Regular Change, Bow Plain One Side, Suitable for Stamping
982 $\frac{7}{8}$ B	982 $\frac{7}{8}$	Regular Change, Bow Plain Both Sides, Suitable for Stamping

Keys and Blanks

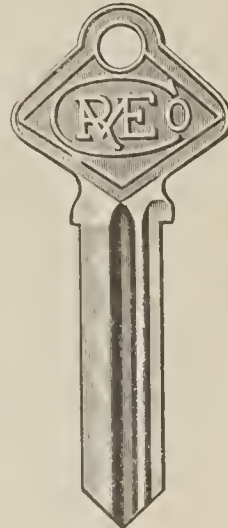
Illustrations Full Size




745B




751B



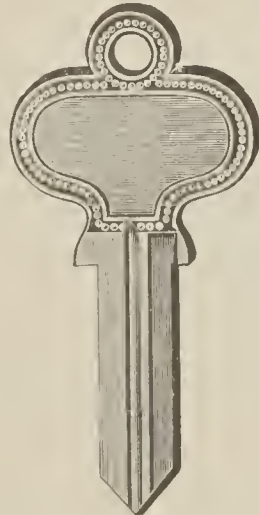

750B

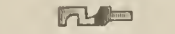



861B




752B




852 ³/₄ B
Type of 852 ⁷/₈




852B




252B

"Liberty Silver" Buffed Finish

Blank Number	Cut Key Number	For
		Old Styles, not used with any Cylinders listed in this Catalogue
740B	740	Columbia Cylinder (not illustrated)
745B	745	Columbia Cylinder (not illustrated)
	745M	Columbia Cylinder, Master
750B	750	Russwin Cylinder, Old Style, Mortise
751B	751	Russwin Cylinder, Old Style, Rim
	751M	Russwin Cylinder, Master
752B	752	Russwin Cylinder, Old Style, Mortise
852B	852	Russwin Cylinder, Old Style, Mortise
852 ³ / ₄ B	852 ³ / ₄	Russwin Cylinder, Old Style, Mortise, Plain Bow Change (Bow suitable for stamping numbers, etc.)
852 ⁷ / ₈ B	852 ⁷ / ₈	Russwin Cylinder, Old Style Mortise, Bow Plain Both Sides (Suitable for Stamping Numbers, etc.)
		Keys for Russwin Night Latch Cylinders No. 100 (Formerly No. 1291)
861B	861	Regular Change
		Keys for Russwin Cylinders with Special Key-ways
252B	252	Regular Change

Master Keys

Solid Steel, Nickel Plated

Illustrations Full Size



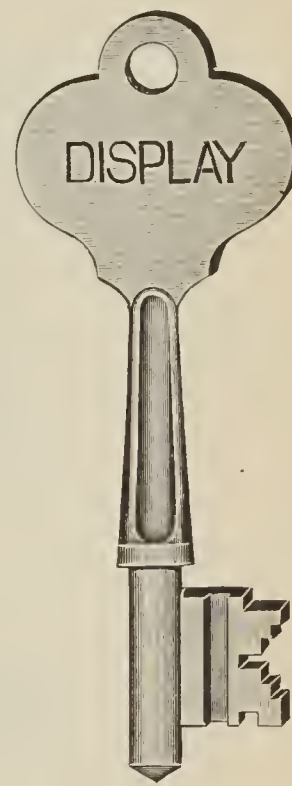
687MG



687E



688G



587G

Grand Master Keys

When specifying blanks, suffix B to cut key number.

Cut Keys
Number

For Locks

647G
663G
677G
677G
677G
677½G
684G
688G
688G

609¼M
0012¾M, 076¾M, 0019¾M, 0370¾M, 0374¾M, 0390¾M, 444¾M
0015¾M, 0015¾EM, 0022¾M, 078¾M, 0123M, 0123½M
00125M, 345¾M, 380¾M, 382¾M, 384¾M
394¾M, 444¾M, 1133¾M, 1134¾M, 1384¾M
0384¾M
1090M
0147M, 0148M, 387¾M
0786M, 1121¾M, 1122¾M, 1387¾M

Emergency Keys

647E
687E

609¼EM
608¼EM

Display Keys

547D
587D

609¼EM
608¼EM

Master Guard Keys

647MG
687MG

609¼EM
608¼EM

See pages 354 and 355.

Master Keys

Solid Steel, Nickel Plated

Illustrations One-half Size



622*



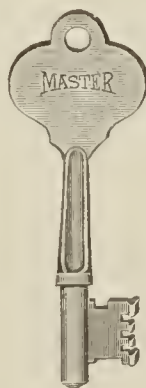
663



677



684



687



688

When specifying blanks, suffix B to cut key number.

Cut Key Number	Tumblers	For Locks
622*	1	881M, 882M
647	3	609 $\frac{1}{4}$ EM
663	3	0012 $\frac{3}{4}$ M, 0019 $\frac{3}{4}$ M, 076 $\frac{3}{4}$ M, 0370 $\frac{3}{4}$ M, 0374 $\frac{3}{4}$ M, 0390 $\frac{3}{4}$ M, 444 $\frac{3}{4}$ M
677	3	0015 $\frac{3}{4}$ M, 0015 $\frac{3}{4}$ EM, 0022 $\frac{3}{4}$ M, 078 $\frac{3}{4}$ M, 0123M, 0123 $\frac{1}{2}$ M
677	3	00125M, 345 $\frac{3}{4}$ M, 348 $\frac{3}{4}$ M, 380 $\frac{3}{4}$ M, 382 $\frac{3}{4}$ M, 384 $\frac{3}{4}$ M
677	3	G391 $\frac{3}{4}$ M, 394 $\frac{3}{4}$ M, 444 $\frac{3}{4}$ M, 1133 $\frac{3}{4}$ M, 1134 $\frac{3}{4}$ M, 1384 $\frac{3}{4}$ M
677 $\frac{1}{2}$	4	0384 $\frac{3}{4}$ M
679	3	0397M
684	3	1090M
687	4	608 $\frac{1}{4}$ EM
688	4	0147M, 0148M, 387 $\frac{3}{4}$ M
688	4	0786M, 1121 $\frac{3}{4}$ M, 1122 $\frac{3}{4}$ M, 1387 $\frac{3}{4}$ M

*Brass.

See pages 354 and 355.

Keys and Blanks

Solid Steel, Nickel Plated

Illustrations One-half Size



547B



0870B



870B



0872B



872B

When ordering cut keys, specify change number.

Blank Number	Cut Key Number	Tumblers	Changes	For Locks
547B	547	3	2160	609 ¹ / ₄ EM
0870B	0870			For same keys and locks as Key Blank No. 870B
870B	870	1	24	078
	870 ³ / ₄	1	24	0122, 0122 ¹ / ₂ , 7122, 7122 ¹ / ₂
	871	3	48	078 ³ / ₄ , 0123, 0123 ¹ / ₂ , 0125, 00125
	871	3	48	348 ³ / ₄ , 380 ³ / ₄ , G381 ³ / ₄ , 382 ³ / ₄ , 384 ³ / ₄
	871	3	48	G391 ³ / ₄ , 394 ³ / ₄ , 444 ³ / ₄ , 0444 ³ / ₄ , 1384 ³ / ₄
	871	3	48	0015 ³ / ₄ M, 0022 ³ / ₄ M, 078 ³ / ₄ M, 0123M
	871	3	48	0123 ¹ / ₂ M, 00125M, 348 ³ / ₄ M, 380 ³ / ₄ M, G381 ³ / ₄ M
	871	3	48	382 ³ / ₄ M, 384 ³ / ₄ M, G391 ³ / ₄ M, 394 ³ / ₄ M, 444 ³ / ₄ M
	871	3	48	0444 ³ / ₄ M, 1133 ³ / ₄ M, 1134 ³ / ₄ M, 1384 ³ / ₄ M
870B	877	3	2160	0015 ³ / ₄ EM
	877 ¹ / ₂	4	1080	0384 ³ / ₄ , 0384 ³ / ₄ M
0872B	0872			For same keys and locks as Key Blank No. 872B
872B	873	3	750	0397
	879	3	300	0397M

Three dozen in a box.

See pages 354 and 355.

Keys and Blanks

Solid Steel, Nickel Plated

Illustrations One-half Size



405B



433B



549B

Type of 551 1/2B



557B



558B



572B



0572B



584B



0586B



587B

When ordering cut keys, specify change number.

Blank Number	Cut Key Number	Tumblers	Changes	For Locks
405B	405 ³ / ₈	1	12	738
	405 ⁷ / ₈	3	20	738 ³ / ₄
433B	433	1	12	3602, 3612
433B	433 ³ / ₄	3	12	3612 ³ / ₄
549B	549	1	6	0389
549 ³ / ₄ B	549 ³ / ₄	1	12	1001, 01001
551 ¹ / ₂ B	551 ¹ / ₂	2	16	0365
557B	557	4	1000	0147M, 0148M, 387 ³ / ₄ , 0786, 1387
558B	558	1	12	0374
	559	3	36	0370 ³ / ₄ , 0374 ³ / ₄
	562	1	180	076
	563	3	300	0012 ³ / ₄ M, 076 ³ / ₄ , 0390 ³ / ₄ , 0370 ³ / ₄ M, 0374 ³ / ₄ M, 0390 ³ / ₄ M, 444 ³ / ₄ M
558 ³ / ₄ B	558 ³ / ₄	1	12	351, 354, 355, 358, 0370
572B	572			For same keys and locks as Nos. 870B and 872B
0572B	0572			For same keys and locks as Nos. 0870B and 0872B
584B	584	4	100	1090M
0586B	0586	4	768	0142M
587B	587	4	4000	608 ¹ / ₄ EM
587B	587			For same keys and locks as No. 557B

Key 587 can be furnished plain bow (not embossed) when wanted for markings both sides.
Blank 587B, unless otherwise specified, will be furnished, embossed one side only.
Three dozen in a box. See pages 354 and 355.

Keys and Blanks

Brass Polished, and Steel Nickel Plated

Illustrations One-half Size



*32



*45B



*54 1/4 B
Type of ‡55



407B



424 1/4 B



550B



450B



441 1/2 B



540B



A540B



B540B



487B

When ordering cut keys, specify change number.

Blank Number	Cut Key Number	Tumblers	Changes	For Locks
	32	1	4	0031, 0031 1/2, 01331, 01331 1/2
45B*	45	1	784	881M, 882M
54 1/4 B*	54	3	25	4500, 4501, 4502, 4503, 4504
	54 1/4	1	12	268, 568
	55 ‡	3	25	4514
407B	405 1/2	1	24	074
407B	407 1/2	3	16	074 3/4
424 1/4 B	424 1/4	1	12	1806
441 1/2 B	441 3/4	3	6	1652, 1654
450B	462	1	24	2408
487B	487	1	9	2458
	489	1	15	2498
540B †	540	3	60	139, 139 1/2, 0787, 7139
A540B	A540	3	60	Original Style of 540
B540B	B540	3	60	Old Style of 540
550B	550	1	12	Old 01731 and 01734
	550 3/4	1	12	731, 734

*Brass.

†Improved Pattern.

‡Brass with Steel Bit

Three dozen in a box.

Keys and Blanks

Malleable Iron and Iron, Nickel Plated

Illustrations One-half Size



163



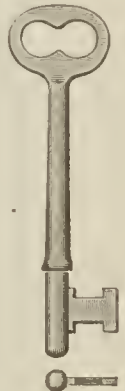
222



223



219



Assortment 298



Assortment 299

Assortment 300

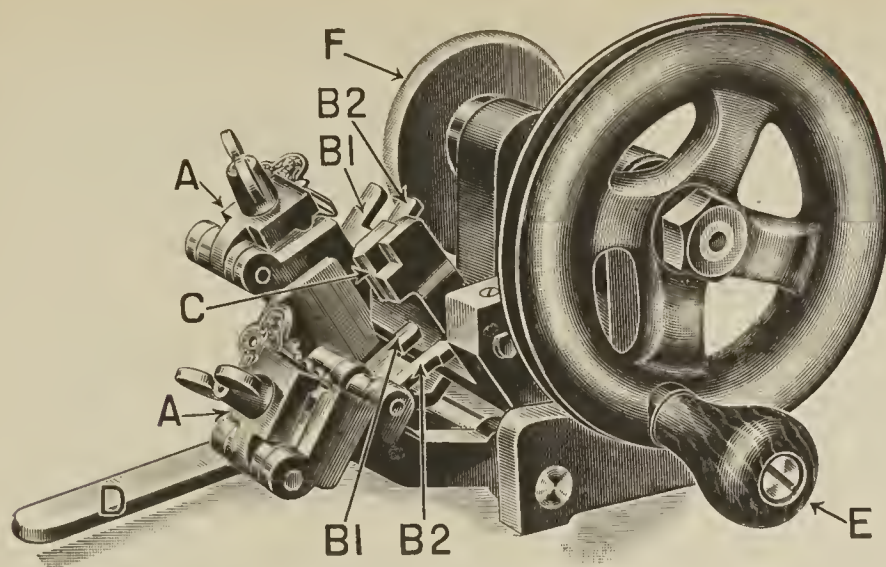
301

When ordering cut keys, specify change number.

Cut Key Number	Tumblers	Changes	For Locks
163	1		839
174*	1	12	805
219			221, 223, 233, 234, 236, G236, 238, 246
222	1	4	4200, 4800, 4801
223	1	4	3600, 3610
298*			Assortment for Rim and Mortise Locks
299*			Assortment for Rim Locks
300*			Assortment for Mortise Locks
301*			Assortment for Rim and Mortise Locks

* These keys are malleable iron.

Three dozen in a box.



Equipped with Milling Cutter
For Cutting Pin Tumbler Keys

Key Cutting Machine

(Patented)

No. 50

Complete, with two Saws and
one Cutter.

Extra Milling Cutters and Extra
Cutting Saws furnished on order.

Packed one in a wooden box.

Weight, 12 lbs.

THE Russwin Key Cutting Machine will cut duplicates of all makes of pin tumbler cylinder keys, all flat keys, double bit keys, and solid and hollow barrel or stem keys, by changing the cutter and gauge. It is the only machine made that will do this without complicated changes and adjustments, and possible loss of accuracy.

Equipped with two types of cutters, Milling Cutter (F) and gauge (C) for cutting pin tumbler keys, and two Cutting Saws (G) and gauges for cutting the tumbler cuts on bitted keys. One Saw .035, one .062 thick.

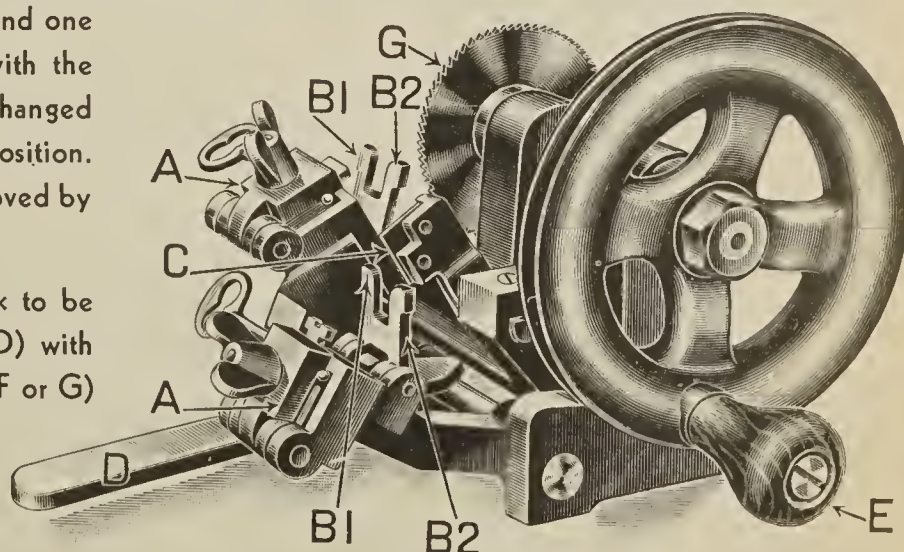
Saws (G) should be run about 150 R.P.M. Milling Cutter (F) not over 100 R.P.M. One-eighth to one-tenth horse-power motor is sufficient.

The hinged vises (A, A) hold both original key and blank to be duplicated in rigid and correct position. A shelf on the end of each vise supports the bow on the cylinder key. On each vise is a hinged stop, which serves both as a top shoulder stop (B1) and as a setting stop (B2). The top shoulder stop is indispensable when cutting cylinder keys as all cutting from the original cylinder keys should be started from the top shoulder. This stop (B1) insures accurate reproduction of the original key. The setting stop (B2) gives the correct distance from the cutter to the gauge (C) by resting the shoulder of one stop (B2) against the cutter, and the shoulder of the other stop (B2) against the gauge (C).

Two gauges (C, C), one for cylinder and one for other types of keys, are furnished with the Russwin machine. They can be interchanged quickly, and easily placed in correct position. The exactness of each may be quickly proved by the setting stop (B2).

After the original key and the blank to be cut are placed in position, raise lever (D) with left hand, turning handle (E) until cutter (F or G) engages and cuts into blank to be duplicated.

The Russwin machine may be operated by hand or, if desired, driven by power.



Equipped with Cutting Saw
For Cutting all Keys Except Pin Tumbler

Description of Keys and Their Operations

Applying to Both Russwin Cylinder and Bitted Key Locks, but Only to Such Locks as are Described as Adapted to the Various Key Systems • • • See Information Relative to the Keying of Russwin Locks (page 355) • • • See How to Specify Russwin Master Keyed Locks (page 6).

GUESTS', OR CHANGE KEY • Operates only the lock to which it is fitted.

MASTER, OR MAIDS' MASTER KEY • Operates one group of locks.

GRAND MASTER KEY • Operates a number of groups of locks, each group being under control of a Maids' Master key.

GREAT GRAND MASTER KEY • (Used only with Cylinder Locks.) Operates a number of groups of locks, each group having a different key way and under the control of a Grand Master key. See Multiplex System under "Information Relative to the Keying of Russwin Locks."

DISPLAY, OR INDIVIDUAL GUARD KEY • is a Guests' key so constructed that it makes inoperative the Maids' Master and Grand Master keys. Only the Emergency key will then operate. It is designed for rooms requiring special protection and assures the holder absolute security against any key except the Emergency key.

MASTER GUARD KEY • (Used only with Bitted Key Hotel Corridor Door Locks.) Operates any locks subject to the Maids' Master, Grand Master or Display keys. It is so constructed that when used on locks ordered subject to a Guard key, it makes inoperative the Maids' Master, Grand Master and Display keys, but does not act against an Emergency key.

EMERGENCY KEY • Operates any lock in the system which has been locked by the Guests', Maids' Master, Grand Master, Master Guard or Display keys. It controls the functions of the lock the same as the Master Guard key and in addition will operate when bolt is thrown from the inside even though the Guests' key remains in the lock. This key can also be used to make inoperative all keys except the Master Guard key.

JANITOR'S MASTER KEY • (Used only on Cylinder Locks.) Is a Master key used for the purpose of setting the stop-work through the inside cylinder on locks as Nos. 2158½M, 2858½M, 2159½M, 2859½M, 2187½M, 2887½M, 1258½M, 1457½M, 01457½M, 1458½M, 11258½M, 11458½M and 9152½M.

MAISON SYSTEM • • • **APPLICABLE TO CYLINDER LOCKS ONLY** • Under the Maison system one or more locks are subject to the keys of other locks in the building. As used in apartment house work the keys to the locks of the various apartments are all different, but each one acts as a master key upon the entrance door locks.

Locks ordered for the entrance doors or any other lock made subject to the keys of other locks under the Maison system should be specified, figured and ordered "Grand Master Keyed" (Symbol GM).

MAISON MASTER SYSTEM • • • Identical with the Maison system, except all of the locks are subject to a general Master key.

Information Relative to the Keying of Russwin Locks

See Description of Keys and Their Operation (page 354).

See How to Specify Russwin Master Keyed Locks (page 6).

RUSSWIN locks are of two general types, Cylinder and Bitted Key. Any cylinder lock having cylinders with the number eight hundred and fifty-two (852) keyway, is adaptable to either of the following Systems, subject to the limitations noted under the heading of each. Bitted Key Locks, as noted in connection with the individual lock and also the table of master-keyable Bitted Key Locks, page 357, are adaptable to Systems Nos. 1-2 and 3. Russwin Cylinder Locks are master keyed and grand master keyed without the use of a supplemental cylinder. Both regular and master keyed cylinders are interchangeable in the same lock.

1—RUSSWIN MASTER KEY SYSTEM ● ● ● Under this system all locks although having keys all different, are subject to one general key known as a Master Key.

2—RUSSWIN GRAND MASTER KEY SYSTEM ● ● ● Under this system a group of locks having keys all different are subject to a sub or floor master key—(in hotel work known as maid's master) and all of the locks in two or more groups are subject to one general key known as a Grand Master Key.

3—RUSSWIN EMERGENCY MASTER KEY SYSTEM ● ● ● Under this system one or more groups of master keyed and grand master keyed locks as used on Corridor Doors, are also made subject to one general key known as an Emergency Key. This system can only be used in connection with locks to which the Emergency Master Key Symbol "EM" has been suffixed to the lock number. Locks which have this symbol are so constructed that when locked on the inside the regular key known as the change key, master or grand master key will not operate. They are so arranged, however, that by the use of the Emergency Key, they may be operated from the outside. The Emergency Key may also be used to throw the mechanism in these locks out of contact with all other keys, thereby placing the locks under the absolute control of the Emergency Key. Locks of this type are used almost exclusively in hotel work, and the Emergency Key above described is usually held by the Resident Manager, to be used by him only as the occasion demands.

4—MAISON SYSTEM ● ● ● Under this system one or more locks are subject to the keys of the other locks in the building.—As an example:

FOR APARTMENT HOUSE WORK ● ● ● The keys to the locks of the various apartments are all different, but the lock on the Main Entrance Door is arranged to be operated by the keys for the several apartment locks, making it possible for a tenant to reach and enter his apartment by the aid of his one key. In ordering the lock to be used on the Entrance Door it should have the grand master key symbol "GM" suffixed to the number.

5—MAISON MASTER KEY SYSTEM ● ● ● This system is identical with the Maison System No. 4 except that all of the locks are subject to a general master key.

6—MULTIPLEX SYSTEM ● ● ● (Applicable to cylinder locks listed with No. 852 keyways only, but having cylinders with special keyways.) See pages 343 and 346. ● In addition to Russwin cylinders having the No. 852 keyway, we have other cylinders which have keys with different cross sections, these special cross sections being so constructed that the change, master or grand master key of cylinders with one cross section will not enter the keyway of any cylinder with another cross section. The cylinders of each individual cross section may be master keyed and grand master keyed as described in any of the systems above mentioned. In addition a great grand master key can be furnished if required, to pass any or all of the special cross sections which may be used.

The Multiplex System is especially adapted for use in large buildings or institutions of any kind where the locks are all set up by floors, wards, dormitories, buildings or groups of buildings, and where the keys of any one group must be different and made so that they will not enter the keyway of another group.

Inter-Keying Locks

Locks of Various Types which can be Master-Keyed together in
Sets and Controlled by One Master or Grand Master Key

Keys 587, 687, 687G and 687E can be substituted for 557, 688 and 688G. See pages 347 to 350.

Keys Class No. 557, 688, 688G

Master Key Class No. 688. Grand Master Key Class No. 688G

Keys Class No. 587, 687, 687G, 687E

Master Key Class No. 687. Grand Master Key Class No. 687G. Emergency Key Class No. 687E

Lock Number	Page	Description	Lock Number	Page	Description
608 $\frac{1}{4}$ EM	288	Hotel, Corridor Door	1387 $\frac{3}{4}$ M	294	Inside Door
1121 $\frac{3}{4}$ M	291	Hotel, Communicating Door	387 $\frac{3}{4}$ M	296	Inside Door
1122 $\frac{3}{4}$ M	291	Hotel, Communicating Door	0786M	308	Dead Lock

Keys Class No. 547, 647, 647G, 647E

Master Key Class No. 647. Grand Master Key Class No. 647G. Emergency Key Class No. 647E

Lock Number	Page	Description	Lock Number	Page	Description
609 $\frac{1}{4}$ EM	288	Hotel, Corridor Door	619 $\frac{1}{4}$ EM	288	Hotel, Corridor Door
610 $\frac{1}{4}$ EM	288	Hotel, Corridor Door			

These locks can be furnished master-keyed and grand master-keyed in sets with locks listed under Key Class No. 877.
Emergency Key Class No. 647E will act as a Master Key on locks having Master Key Class No. 677.

Keys Class No. *471, 871, 877, 677, 677G

(Class * 471 has long stem)

Master Key Class No. 677. Grand Master Key Class No. 677G. Emergency Key Class No. 677E

Lock Number	Page	Description	Lock Number	Page	Description
0015 $\frac{3}{4}$ M	289	Hotel, Corridor Door	G381 $\frac{3}{4}$ M	300	French Door Lock
0015 $\frac{3}{4}$ EM	289	Hotel, Corridor Door	G391 $\frac{3}{4}$ M	300	French Door Lock
0022 $\frac{3}{4}$ M	289	Hotel, Bath or Bed Room Door	078 $\frac{3}{4}$ M	309	Dead Lock
1133 $\frac{3}{4}$ M	290	Hotel, Communicating Door	345 $\frac{3}{4}$ M	278	Entrance Door Lock
1134 $\frac{3}{4}$ M	290	Hotel, Communicating Door	348 $\frac{3}{4}$ M	279	Entrance Door Lock
1384 $\frac{3}{4}$ M	294	Inside Door Lock	0123M	276	Front Door Lock
382 $\frac{3}{4}$ M	296	Inside Door Lock	0123 $\frac{1}{2}$ M	276	Vestibule Door Lock
384 $\frac{3}{4}$ M	295	Inside Door Lock	00125M	307	School House Door Lock
394 $\frac{3}{4}$ M	296	Inside Door Lock	444 $\frac{3}{4}$ M	307	School House Door Lock
380 $\frac{3}{4}$ M	295	Inside Door Lock	0444 $\frac{3}{4}$ M	305	Fire Exit Bolt Lock
726 $\frac{3}{4}$ M	293	Mortise Knob Lock	0445 $\frac{3}{4}$ M	305	Fire Exit Bolt Lock
726 $\frac{7}{8}$ M	293	Mortise Knob Lock	0783M	308	School House Door Lock
			1093M	318	Asylum Lock

Keys Class No. 563

Master Key Class No. 663. Grand Master Key Class No. 663G

Lock Number	Page	Description	Lock Number	Page	Description
0012 $\frac{3}{4}$ M	290	Communicating Door Locks	0370 $\frac{3}{4}$ M	297	Inside Door Lock
0019 $\frac{3}{4}$ M	289	Bath and Bed Room Door Locks	076 $\frac{3}{4}$ M	309	Dead Lock
0374 $\frac{3}{4}$ M	295	Inside Door Lock	444 $\frac{3}{4}$ M	307	School House Door Lock
0390 $\frac{3}{4}$ M	297	Inside Door Lock	0444 $\frac{3}{4}$ M	305	Fire Exit Bolt Lock

Keys Class No. 584

Master Key Class No. 684. Grand Master Key Class No. 684G

Lock Number	Page	Description
1090M (Cannot be master-keyed with other locks.)	318	Asylum Dead Lock

For Keys, see pages 347 to 352.

Master-Keyable Bitted Key Locks

Locks Having Same Master Key Can Be Master-Keyed Together in Sets

Lock		Change Key	Master Keyed Change Key			Master Key			Grand Master Key	Emergency Key
Number	Page	Class No.	Class No.	Tumb.	Changes	Class No.	Sets	Different	Class No.	Class No.
0012 ³ / ₄ M	290	563	563	3	300	663	3 of 100	300	663G	.....
0015 ³ / ₄ M	289	877	877	3	300	677	6 of 50	300	677G	.....
0015 ³ / ₄ EM	289	877	877	3	2160	677	24 of 90	2160	677G	677E
0019 ³ / ₄ M	289	563	563	3	300	663	3 of 100	300	663G	.....
0022 ³ / ₄ M	289	877	877	3	300	677	6 of 50	300	677G	.....
076 ³ / ₄	309	563	563	3	300	663	3 of 100	300	663G	.....
078 ³ / ₄	309	871	877	3	300	677	6 of 50	300	677G	.....
0123	276	871	877	3	300	677	6 of 50	300	677G	.....
0123 ¹ / ₂	276	871	877	3	300	677	6 of 50	300	677G	.....
00125	307	871	877	3	300	677	3 of 100	300	677G	.....
0142M	318	0586	0586	4	768	686	24 of 32	768	686G	.....
345 ³ / ₄	278	871	877	3	300	677	3 of 100	300	677G	.....
348 ³ / ₄	279	871	877	3	300	677	6 of 50	300	677G	.....
0374 ³ / ₄	295	559	563	3	300	663	3 of 100	300	663G	.....
0375 ³ / ₄	297	559	563	3	300	663	3 of 100	300	663G	.....
380 ³ / ₄	295	871	877	3	300	677	6 of 50	300	677G	.....
G381 ³ / ₄	300	871	877	3	300	677	3 of 100	300	677G	.....
382 ³ / ₄	296	871	877	3	300	677	6 of 50	300	677G	.....
384 ³ / ₄	295	871	877	3	300	677	6 of 50	300	677G	.....
0384 ³ / ₄ M	295	877 ¹ / ₂	877 ¹ / ₂	4	1080	677 ¹ / ₂	18 of 60	1080	677 ¹ / ₂ G	.....
387 ³ / ₄	296	557	557	4	1000	688	20 of 50	1000	688G	.....
0390 ³ / ₄	297	559	563	3	300	663	3 of 100	300	663G	.....
G391 ³ / ₄	300	871	877	3	300	677	3 of 100	300	677G	.....
394 ³ / ₄	296	871	877	3	300	677	6 of 50	300	677G	.....
0396	294	547 ¹ / ₂	547 ¹ / ₂	4	315	647 ¹ / ₂	7 of 30	210	647 ¹ / ₂ G	.....
0397	294	873	879	3	300	679	6 of 50	300	679G	.....
444 ³ / ₄ *	307	563	563	3	300	663	3 of 100	300	663G	.....
444 ³ / ₄	307	871	877	3	300	677	3 of 100	300	677G	.....
0444 ³ / ₄ *	305	563	563	3	300	663	3 of 100	300	663G	.....
0444 ³ / ₄	305	871	877	3	300	677	3 of 100	300	677G	.....
0445 ³ / ₄	305	471	471	3	300	671	3 of 100	300	671G	.....
608 ¹ / ₄ EM	288	587	587	4	4000	687	20 of 200	4000	687G	687E
609 ¹ / ₄ EM	288	547	547	3	2160	647	24 of 90	2160	647G	647E
610 ¹ / ₄ EM	288	547	547	3	2160	647	24 of 90	2160	647G	647E
619 ¹ / ₄ EM	288	547	547	3	2160	647	24 of 90	2160	647G	647E
726 ³ / ₄	293	871	877	3	300	677	3 of 100	300	677G	.....
726 ⁷ / ₈	293	871	877	3	300	677	3 of 100	300	677G	.....
0783M	308	877	877	3	300	677	6 of 50	300	677G	.....
0786	308	557	557	4	1000	688	20 of 50	1000	688G	.....
881M	324	45	45	1	784	622	7 of 112	784	.....	.....
882M	324	45	45	1	784	622	7 of 112	784	.....	.....
1090M	318	584	584	4	100	684	5 of 20	100	684G	.....
1093	318	871	877	3	300	677	6 of 50	300	677G	.....
1121 ³ / ₄ M	291	557	557	4	1000	688	20 of 50	1000	688G	.....
1122 ³ / ₄ M	291	557	557	4	1000	688	20 of 50	1000	688G	.....
1133 ³ / ₄ M	290	871	877	3	300	677	6 of 50	300	677G	.....
1134 ³ / ₄ M	290	871	877	3	300	677	6 of 50	300	677G	.....
1384 ³ / ₄	294	871	877	3	300	677	6 of 50	300	677G	.....
1387 ³ / ₄	294	557	557	4	1000	688	20 of 50	1000	688G	.....
4514	88	55	55	3	150	655	6 of 25	150	.....	.....

*Keyed with No. 0375³/₄ Locks.

Master-Keys 647 and 677 will interchange.

For description of Master-Key Systems, see page 354.

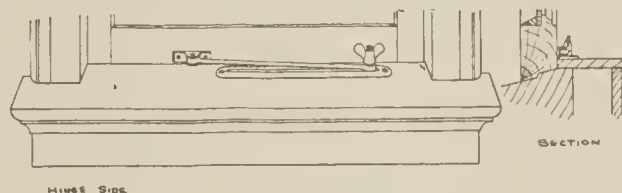
For Keys, see pages 347 to 352.

Casement Adjusters

Illustrations One-quarter Size



19, T7019

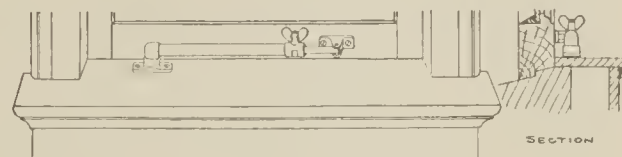


HINGE SIDE

SECTION



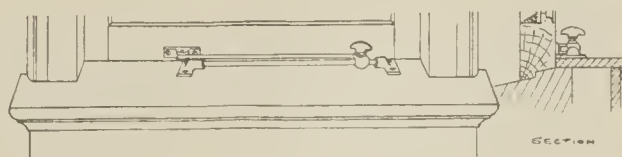
13



SECTION



22, T7022



HINGE SIDE

SECTION

Reversible for Right or Left-Hand Sash Opening Out

Number	Rods	Sill Plate	Slot Length	Sash Plate	Rods and Plates	Weight, Doz.
19	8 in.	1 ⁷ / ₁₆ x 8 ⁹ / ₁₆ in.	7 ¹ / ₄ in.	5 ⁵ / ₈ x 1 ⁷ / ₈ in.	Wrought Brass or Bronze	8 ¹ / ₂ lbs.
19	10 in.	1 ⁷ / ₁₆ x 10 ⁹ / ₁₆ in.	9 ¹ / ₈ in.	5 ⁵ / ₈ x 1 ⁷ / ₈ in.	Wrought Brass or Bronze	10 lbs.
19	12 in.	1 ⁷ / ₁₆ x 10 ⁹ / ₁₆ in.	9 ¹ / ₈ in.	5 ⁵ / ₈ x 1 ⁷ / ₈ in.	Wrought Brass or Bronze	11 ¹ / ₄ lbs.
T7019	8 in.	1 ⁷ / ₁₆ x 8 ⁹ / ₁₆ in.	7 ¹ / ₄ in.	5 ⁵ / ₈ x 1 ⁷ / ₈ in.	Wrought Steel	8 ¹ / ₄ lbs.
T7019	10 in.	1 ⁷ / ₁₆ x 10 ⁹ / ₁₆ in.	9 ¹ / ₈ in.	5 ⁵ / ₈ x 1 ⁷ / ₈ in.	Wrought Steel	10 lbs.
T7019	12 in.	1 ⁷ / ₁₆ x 10 ⁹ / ₁₆ in.	9 ¹ / ₈ in.	5 ⁵ / ₈ x 1 ⁷ / ₈ in.	Wrought Steel	10 ³ / ₄ lbs.

Round Rod ⁵/₁₆ Inch Diameter

Number	Rods	Sill Plate	Sash Plate	Rod	Brackets	Weight, Doz.
22	9 in.	1 ⁵ / ₁₆ x 11 in.	1 ¹ / ₂ x 1 ⁷ / ₈ in.	Wrought Brass or Bronze	Cast Brass or Bronze	9 ¹ / ₂ lbs.
22	13 in.	1 ⁵ / ₁₆ x 15 in.	1 ¹ / ₂ x 1 ⁷ / ₈ in.	Wrought Brass or Bronze	Cast Brass or Bronze	11 ¹ / ₄ lbs.
T7022	9 in.	1 ⁵ / ₁₆ x 11 in.	1 ¹ / ₂ x 1 ⁷ / ₈ in.	Wrought Steel	Cast Iron	9 ¹ / ₄ lbs.
T7022	13 in.	1 ⁵ / ₁₆ x 15 in.	1 ¹ / ₂ x 1 ⁷ / ₈ in.	Wrought Steel	Cast Iron	11 ¹ / ₂ lbs.

For Top or Bottom of Casements Opening In or Out

(Mounted on outside of casements opening in)

Wrought Bronze Tube and Rod

Number	Size	Sill Plate	Sash Plate	Length Overall		Brackets	Weight, Doz.
				Open	Closed		
13	8 in.	1 ⁵ / ₁₆ x 2 in.	5 ⁵ / ₈ x 1 ³ / ₄ in.	12 ¹ / ₄ in.	8 in.	Cast Brass or Bronze	10 ¹ / ₂ lbs.
13	10 in.	1 ⁵ / ₁₆ x 2 in.	5 ⁵ / ₈ x 1 ³ / ₄ in.	16 ¹ / ₄ in.	10 in.	Cast Brass or Bronze	12 ¹ / ₂ lbs.
13	12 in.	1 ⁵ / ₁₆ x 2 in.	5 ⁵ / ₈ x 1 ³ / ₄ in.	20 ¹ / ₈ in.	12 in.	Cast Brass or Bronze	14 ¹ / ₂ lbs.

Specify Number, length of Rod and Finish.

Finishes described on pages 16 to 18.

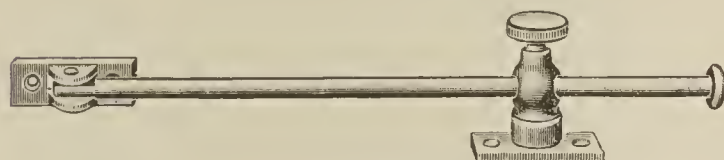
Half dozen in a box, with screws.

Casement Adjusters

Illustrations One-quarter Size



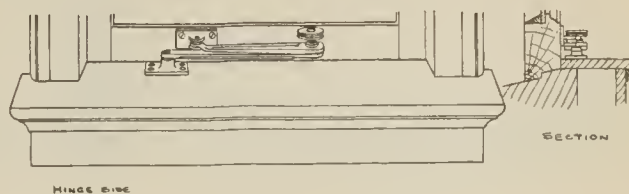
40



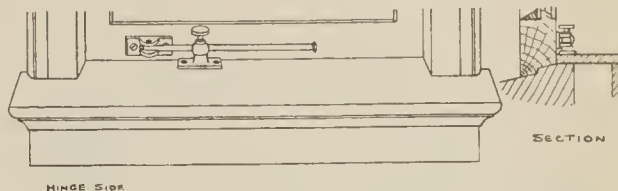
25, T7025



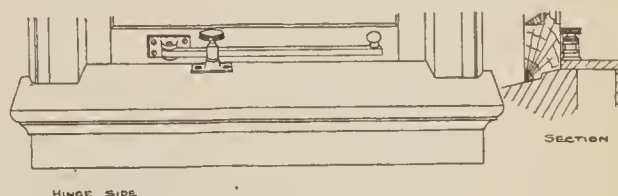
34



HINGE SIDE



HINGE SIDE



HINGE SIDE

Reversible for Right or Left-Hand Sash Opening Out

Sill Plate 1 x 2 in.; Sash Plate 1 1/4 x 2 1/8 in.; †Height 2 3/8 in.

Number	Length Open	Length Closed	Description	Weight, Dozen
40	18 in.	10 in.	Cast Brass or Bronze Arms and Brackets	19 1/2 lbs.

Rod 3/8 in.; Sill Plates 2 1/4 x 7/8 in.; Sash Plate 2 1/4 x 3/4 in.; †Height 1 3/8 in.

Number	Length	Rod	Brackets	Weight, Dozen
25	10 in.	Wrought Brass or Bronze	Cast Brass or Bronze	9 5/8 lbs.
25	12 in.	Wrought Brass or Bronze	Cast Brass or Bronze	10 1/8 lbs.
25	15 in.	Wrought Brass or Bronze	Cast Brass or Bronze	11 5/8 lbs.
T7025	10 in.	Wrought Steel	Cast Iron	8 3/8 lbs.
T7025	12 in.	Wrought Steel	Cast Iron	9 1/4 lbs.
T7025	15 in.	Wrought Steel	Cast Iron	10 1/2 lbs.

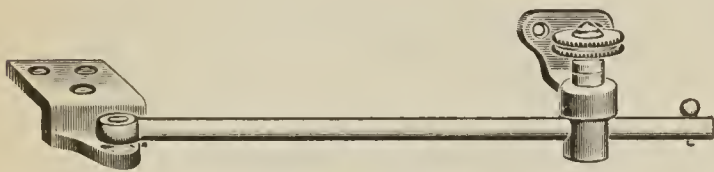
Rod 3/8 x 1/2 in.; Sill Plate 3/4 x 2 1/8 in.; Sash Plate 3/4 x 2 in.; †Height 1 3/4 in.

34	12 in.	Wrought Brass or Bronze	Cast Brass or Bronze	15 3/4 lbs.
34	15 in.	Wrought Brass or Bronze	Cast Brass or Bronze	18 3/8 lbs.

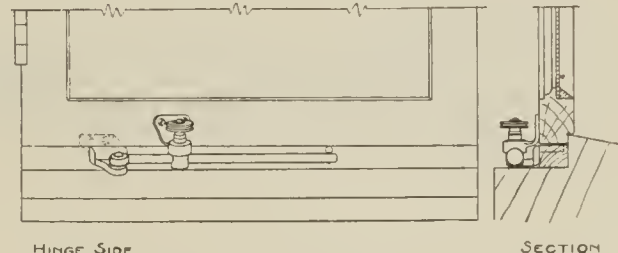
† Distance from bottom of sill bracket to top of sash bracket.
Specify Number, length of Rod and Finish. Finishes described on pages 16 to 18.
No. 40, quarter dozen; others, half dozen in a box, with screws.
Nos. 25, T7025, 10 in., six dozen in a fibre container, weight 55 lbs.
Nos. 25, T7025, 12 in., six dozen in a fibre container, weight 60 lbs.

Casement Adjusters

Illustrations One-quarter Size



44, T7044

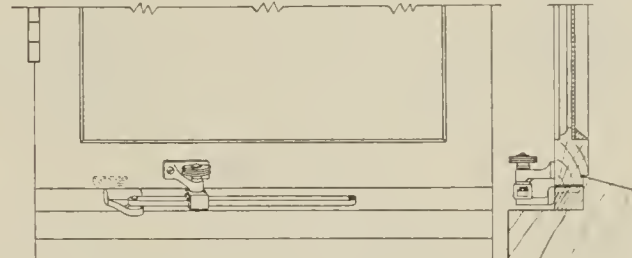


HINGE SIDE

SECTION

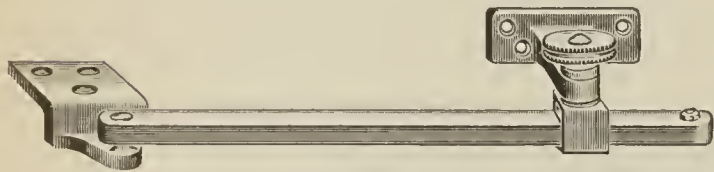


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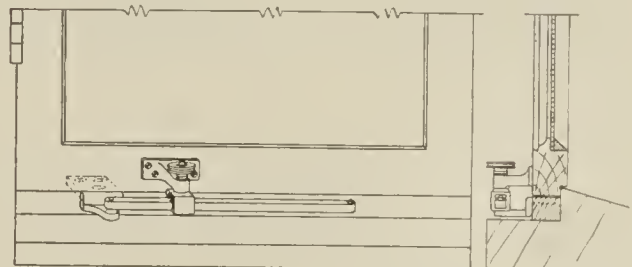


HINGE SIDE

SECTION



54



HINGE SIDE

SECTION

Reversible for Right or Left Hand Sash Opening In
With Universal Sill Plates

Rod $\frac{3}{8}$ in.; Sash Plate $1\frac{1}{2}$ x $1\frac{1}{4}$ in.

Number	Length	Rod	Brackets	Weight, Dozen
44	10 in.	Wrought Brass or Bronze	Cast Brass or Bronze	$13\frac{1}{2}$ lbs.
44	12 in.	Wrought Brass or Bronze	Cast Brass or Bronze	$14\frac{1}{4}$ lbs.
T7044	10 in.	Wrought Steel	Cast Iron	$7\frac{1}{2}$ lbs.
T7044	12 in.	Wrought Steel	Cast Iron	$14\frac{1}{8}$ lbs.

Requires 1 in. clearance between bottom of sash and stool, and bottom rail at least $1\frac{3}{4}$ in. wide.

Rod $\frac{1}{4}$ x $\frac{1}{2}$ in.; Sash Plate $\frac{3}{4}$ x 2 in.

24	10 in.	Wrought Brass or Bronze	Cast Brass or Bronze	$13\frac{5}{8}$ lbs.
24	12 in.	Wrought Brass or Bronze	Cast Brass or Bronze	$14\frac{1}{2}$ lbs.
24	15 in.	Wrought Brass or Bronze	Cast Brass or Bronze	$16\frac{1}{8}$ lbs.

Requires 1 in. clearance between bottom of sash and stool, and bottom rail at least $1\frac{1}{4}$ in. wide.

Rod $\frac{3}{8}$ x $\frac{1}{2}$ in.; Sash Plate $\frac{7}{8}$ x $2\frac{1}{2}$ in.

54	12 in.	Wrought Brass or Bronze	Cast Brass or Bronze	$19\frac{1}{8}$ lbs.
54	15 in.	Wrought Brass or Bronze	Cast Brass or Bronze	21 lbs.

Requires 1 in. clearance between bottom of sash and stool, and bottom rail at least $1\frac{1}{2}$ in. wide.

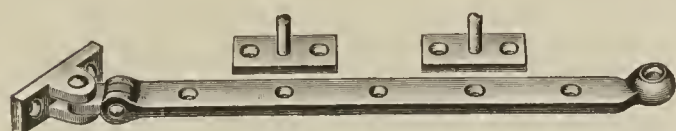
Specify Number, length of Rod and Finish.

Finishes described on pages 16 to 18.

Quarter dozen in a box, with screws.

Casement Adjusters

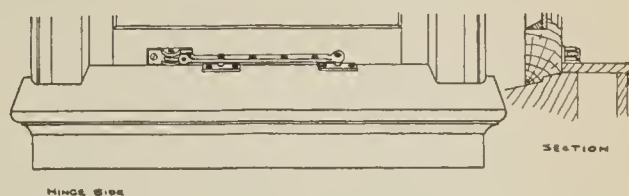
Illustrations One-quarter Size



32, T7032

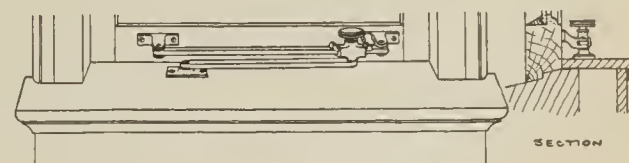


57



HINGE SIDE

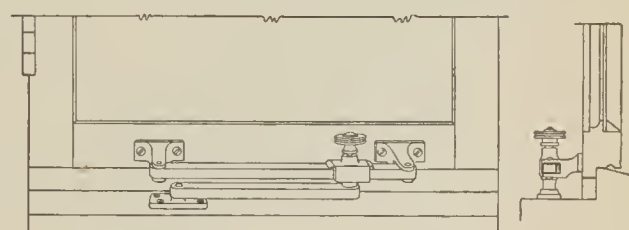
SECTION



HINGE SIDE

57, Opening Out

SECTION



HINGE SIDE

57, Opening In

SECTION

Reversible for Right or Left-Hand Sash Opening Out

Rod $\frac{1}{4} \times \frac{3}{4}$ in.; Sill Plate $\frac{3}{4} \times 1\frac{7}{8}$ in.; Sash Plate $\frac{3}{4} \times 2\frac{1}{8}$ in.

Number	Length	Rod	Brackets	Weight, Dozen
32	12 in.	Cast Brass or Bronze	Cast Brass or Bronze	13 $\frac{5}{8}$ lbs.
32	15 in.	Cast Brass or Bronze	Cast Brass or Bronze	14 $\frac{1}{4}$ lbs.
T7032	12 in.	Malleable Iron	Malleable Iron	10 $\frac{1}{4}$ lbs.
T7032	15 in.	Malleable Iron	Malleable Iron	11 $\frac{1}{2}$ lbs.

T7032 not furnished in Barff Finish.

For Sash Opening In or Out

Rod $\frac{3}{8} \times \frac{1}{2}$ in.; †Height 1 $\frac{7}{8}$ in.; Length of Slide Rod 10 $\frac{1}{2}$ in.; Sill Plate 1 x 2 $\frac{1}{2}$ in.; Sash Plate $\frac{3}{4} \times 2$ in.;
Projection from Sash 1 $\frac{5}{8}$ in.

57	10 in.	Wrought Brass or Bronze	Cast Brass or Bronze	22 $\frac{1}{2}$ lbs.
57	12 in.	Wrought Brass or Bronze	Cast Brass or Bronze	23 $\frac{1}{4}$ lbs.
57	15 in.	Wrought Brass or Bronze	Cast Brass or Bronze	25 $\frac{5}{8}$ lbs.
57	18 in.	Wrought Brass or Bronze	Cast Brass or Bronze	27 $\frac{3}{8}$ lbs.

Requires 1 in. clearance between bottom of sash and stool, and bottom rail at least 1 $\frac{1}{4}$ in. wide.

†Distance from bottom of sill bracket to top of sash bracket.

Specify Number, Size and Finish.

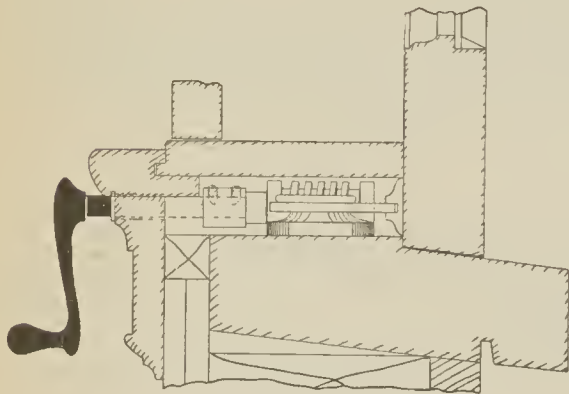
Finishes described on pages 16 to 18.

No. 32, T7032 half dozen, others, quarter dozen in a box, with screws.

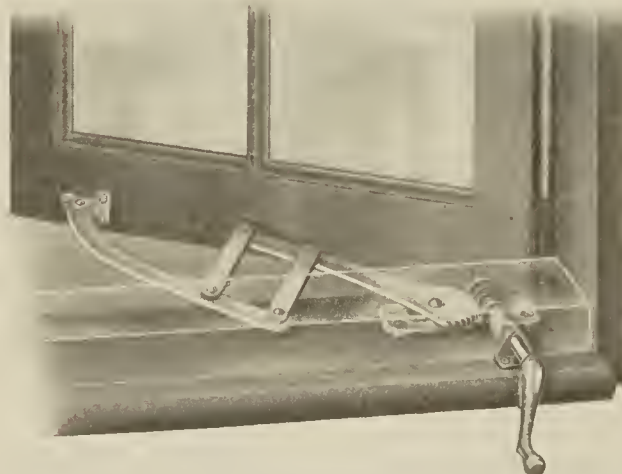
Everlock Casement Sash Adjuster

Patented

For Sash Opening Out

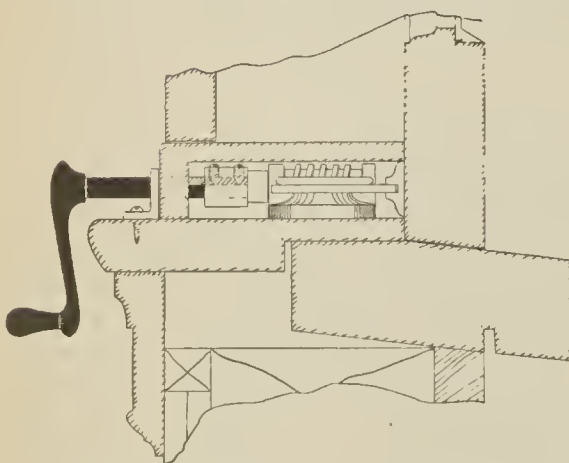


Section showing adjuster below stool entirely concealed, except handle

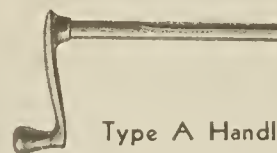


512

Type of 515 to 7615



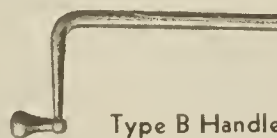
Section showing adjuster on top of stool entirely concealed, except handle



Type A Handle

Used with Nos. 512 to 7515

$\frac{3}{8}$ in. brass rod attached to a brass casting, with a turned finger roller.



Type B Handle

Used with Nos. 612 to 7615

$\frac{3}{8}$ in. brass rod bent and turned to a taper as shown, with a turned finger roller.

Standard length of spindle is for 5 to 7 in. stool. Other lengths furnished when specified.

Not Reversible, Specify Hand

Operated from inside without disturbing screen, etc.

Will open to any degree to a right angle and is securely locked at all times.

Number	Length	*Handle	Operating Parts	Weight, Dozen
512	12 in.	Type A Brass	Solid Brass, Dipped and Lacquered	28½ lbs.
515	15 in.	Type A Brass	Solid Brass, Dipped and Lacquered	31½ lbs.
612	12 in.	Type B Brass	Solid Brass, Dipped and Lacquered	28½ lbs.
615	15 in.	Type B Brass	Solid Brass, Dipped and Lacquered	31½ lbs.
7512	12 in.	Type A Brass	Galvanized Steel	28½ lbs.
7515	15 in.	Type A Brass	Galvanized Steel	31½ lbs.
7612	12 in.	Type B Brass	Galvanized Steel	28½ lbs.
7615	15 in.	Type B Brass	Galvanized Steel	31½ lbs.

12 in. for sash 24 in. and under.

*Furnished in Finish 9 unless otherwise specified.

15 in. for sash 24 in. and over.

One-sixth dozen in a box, with screws.

POSITIVE GRIP

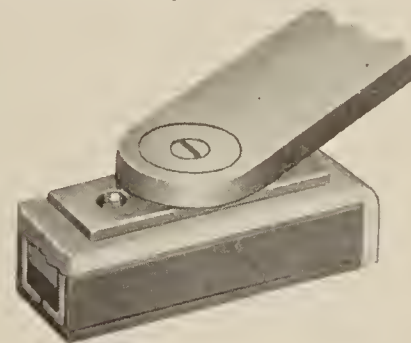
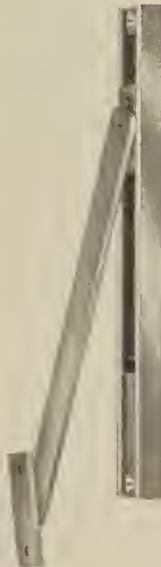
Concealed Transom Adjuster

45° OPENING

No. 800 Light Weight Series

No. 900 Heavy Duty Series

Extruded Brass



Triple Grip Friction Slide
Nos. 800, 900

PERTINENT FEATURES

By means of the exclusive RUSSWIN Friction-applying method, friction is obtained against all three inner surfaces of the track. An accessible adjusting screw regulates the amount of holding friction. An encased shock absorber, comprising a resilient rubber bumper in connection with a spring, limits the degree of transom opening.

The No. 900 Transom Adjuster is designed for heavy duty, two Adjusters being used with each transom. It is identical in construction with the No. 600 Concealed Friction Door Holder, the extruded brass track being $\frac{7}{8}$ in. x $\frac{3}{4}$ in. with $\frac{1}{16}$ in. walls.

SPECIFY THE FOLLOWING WHEN ORDERING

Height and Thickness

Hinge Clearance

Finish

DIMENSIONS

No. 800 Track Extruded Brass $\frac{3}{4}$ in. wide, $\frac{1}{2}$ in. deep, $\frac{1}{16}$ in. thick walls
No. 900 Track Extruded Brass $\frac{7}{8}$ in. wide, $\frac{3}{4}$ in. deep, $\frac{1}{16}$ in. thick walls

Jamb Bracket $2\frac{1}{4}$ in. x $\frac{3}{4}$ in.
Jamb Bracket $3\frac{1}{2}$ in. x 1 in.

CONCEALED TRANSOM ADJUSTER No. 800 LIGHT WEIGHT TYPE

Height	Number
Transom Heights 8 to $9\frac{1}{2}$ in. Inclusive	800A
Transom Heights 10 to $11\frac{1}{2}$ in. Inclusive	800B
Transom Heights 12 to $13\frac{1}{2}$ in. Inclusive	800C
Transom Heights 14 to $17\frac{1}{2}$ in. Inclusive	800D
Transom Heights 18 to $23\frac{1}{2}$ in. Inclusive	800E
Transom Heights 24 to $29\frac{1}{2}$ in. Inclusive	800F
Transom Heights 30 to $35\frac{1}{2}$ in. Inclusive	800G
Transom Heights 36 to 42 in. Inclusive	800H

For Government Type with Buffer each end Prefix Letter G to above.

Available only in sizes C to H.

CONCEALED TRANSOM ADJUSTER No. 900 HEAVY DUTY TYPE

Height	Number
Transom Heights 12 to $13\frac{1}{2}$ in. Inclusive	900C
Transom Heights 14 to $17\frac{1}{2}$ in. Inclusive	900D
Transom Heights 18 to $23\frac{1}{2}$ in. Inclusive	900E
Transom Heights 24 to $29\frac{1}{2}$ in. Inclusive	900F
Transom Heights 30 to $35\frac{1}{2}$ in. Inclusive	900G
Transom Heights 36 to 42 in. Inclusive	900H

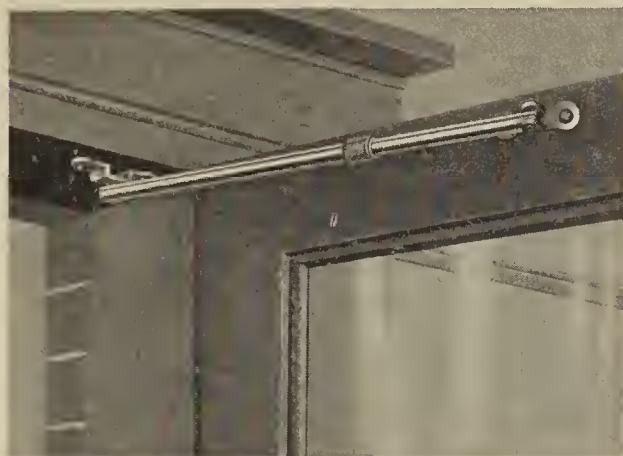
For Government Type with Buffer each end Prefix Letter G to above.

Available only in sizes D to H.

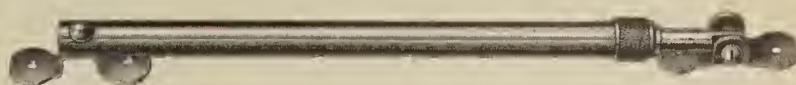
One in a box, with Screws.

Finishes described on Pages 16 to 18.

Friction Casement Adjuster



Applied at top of sash opening in



12

These adjusters can be applied at either top or bottom of sash, opening out, and at top or bottom of sash opening in where there is no objection to applying the adjuster on the outside of the sash.

Friction, as required, is regulated by turning the knurled nut—to the right to increase, to the left to decrease.

For Right or Left Hand Sash
Seamless Brass Tubing; $\frac{5}{8}$ Inch Diameter

Number	Size	Length Open	Overall Closed	End Plates	Material	Weight, Dozen
12	8 in.	12 in.	8 in.	$\frac{3}{4} \times 2\frac{1}{4}$ in.	Wrought Brass	7 $\frac{1}{4}$ lbs.
12	10 in.	16 $\frac{1}{4}$ in.	10 in.	$\frac{3}{4} \times 2\frac{1}{4}$ in.	Wrought Brass	8 $\frac{1}{2}$ lbs.
12	12 in.	20 $\frac{1}{8}$ in.	12 in.	$\frac{3}{4} \times 2\frac{1}{4}$ in.	Wrought Brass	10 lbs.
12	15 in.	26 $\frac{1}{2}$ in.	15 in.	$\frac{3}{4} \times 2\frac{1}{4}$ in.	Wrought Brass	13 lbs.

Friction Transom Adjuster



Applied to transom opening in



12 $\frac{1}{2}$

Can be applied to inswinging transoms hinged at bottom, with short rod to prevent transom from opening beyond 45°.

Transom Catches should be used with these Friction Adjusters to keep transom in closed position.

Number	Case Diameter	Length Open	Overall Closed	End Plates	Material	Weight, Dozen
12 $\frac{1}{2}$	$\frac{5}{8}$ in.	11 $\frac{7}{8}$ in.	8 in.	$2\frac{1}{4} \times \frac{3}{4}$, $1\frac{3}{4} \times \frac{3}{4}$ in.	Wrought Brass	7 $\frac{1}{2}$ lbs.

Not furnished in steel.

Specify Number, Size and Finish.

Half dozen in a box, with screws.

Finishes described on pages 16 to 18.

Friction Casement Stays

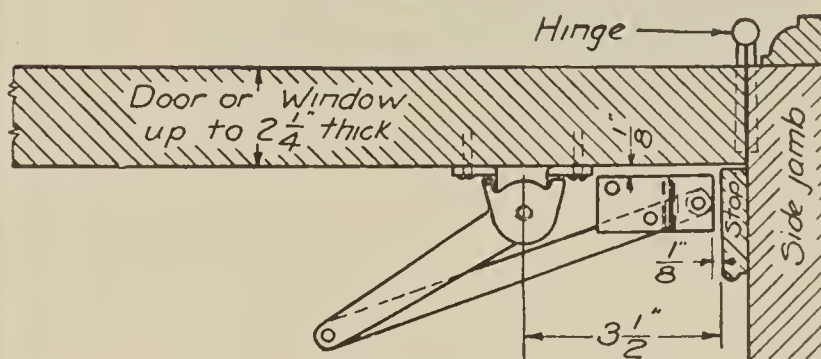
Patented



T7703G, applied at top of sash opening out



T7703G



7703 Series
Showing Application to Hinged Sash

For Right or Left Hand Hinged Sash or Door

Number	Description	Weight, Dozen
7703	Wrought Steel, Plated	7 ³ / ₈ lbs.
7703G	Wrought Steel, Electro Galvanized and Plated	7 ³ / ₈ lbs.
T7703G	Wrought Steel, Electro Galvanized	7 ³ / ₈ lbs.
T7703G Finish 47.	Wrought Steel, Dead Black over Electro Galvanized	7 ³ / ₈ lbs.

For Hinged Sash opening OUT and for those opening IN where there is no objection to applying the stay on the outside.

7703 Series permits the hinged sash to be held open at any desired degree, and the friction resistance required is not enough to cause annoyance in opening and closing.

The desired friction is obtained by adjusting the hexagon headed bolt, and wear is taken up by a spring washer under the head of this bolt.

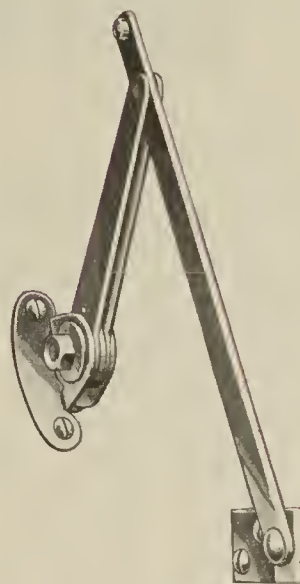
Half dozen in a box, with screws. Eight dozen in a fibre container.

Friction Transom Stays

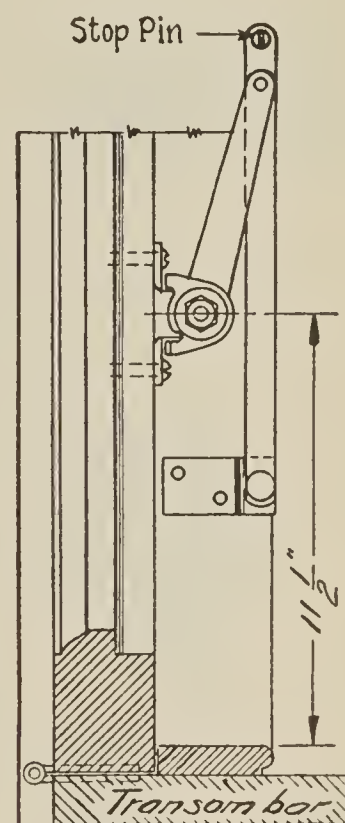
Patented



T7704G
Applied to transom opening in



T7704G



7704 Series
Showing application to transoms

For Right or Left Hand Hinged Transoms

Number	Description	Weight, Dozen
7704	Wrought Steel, Plated	7 $\frac{5}{8}$ lbs.
7704G	Wrought Steel, Electro Galvanized and Plated	7 $\frac{5}{8}$ lbs.
T7704G	Wrought Steel, Electro Galvanized	7 $\frac{5}{8}$ lbs.

For Hinged Transoms opening OUT and for those opening IN where there is no objection to applying the stay on the outside.

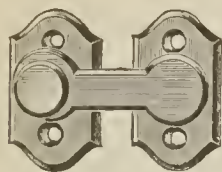
7704 Series is for use on Transoms ONLY. They are fitted with a stop pin to prevent transom from opening beyond 45 degrees. A Transom Catch should be applied to the transom to keep it in a closed position.

The desired friction is obtained by adjusting the hexagon headed bolt, and wear is taken up by a spring washer under the head of this bolt.

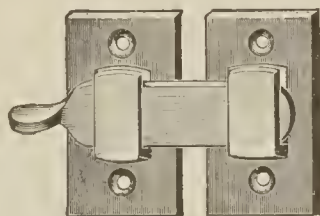
Half dozen in a box, with screws. Eight dozen in a fibre container.

Shutter Bars

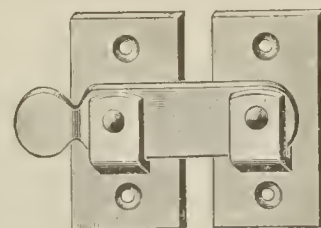
Illustrations One-quarter Size



1



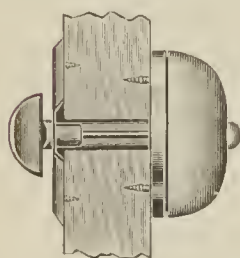
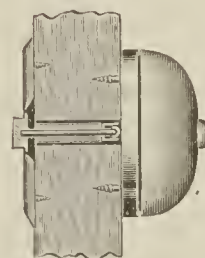
030



160, T7160

Door Bells

With Turns or Push Buttons

7213 1/2 { 129
7129 Applied7233 1/2 { 729
7729 Applied129, 7129
Berkeley129, 7129
Beacon129, 7129
Roxbury729, 7729
Berkeley729, 7729
Beacon729, 7729
Roxbury

Shutter Bars

Number	Size	Description	Weight, Dozen
1	1 3/4 x 2 1/8 in.	Cast Brass or Bronze, Polished	1 1/4 lbs.
030	1 7/8 x 2 1/8 in.	Cast Brass or Bronze, Polished	1 1/2 lbs.
160	1 7/8 x 2 1/8 in.	Wrought Brass or Bronze, Polished	1 5/8 lbs.
T7160	1 7/8 x 2 1/8 in.	Wrought Steel	1 1/2 lbs.

Nos. 1 to 160, one dozen; T7160, three dozen in a box, with screws.

Bells Only, Steel Gongs, Iron Bases

Number	Size	Type	Weight, Dozen
7213 1/2	3 1/2 in.	Rotary Stroke	9 3/4 lbs.
7233 1/2	3 1/2 in.	Push Stroke	10 1/8 lbs.

Bells Complete with Turns or Push Buttons

Number	Size	Type	Plates	Weight, Dozen
7213 1/2 x 129*	3 1/2 in.	Rotary Stroke	Wrought Brass or Bronze	11 1/2 lbs.
7233 1/2 x 729*	3 1/2 in.	Push Stroke	Wrought Brass or Bronze	12 5/8 lbs.
7213 1/2 x 7129*	3 1/2 in.	Rotary Stroke	Wrought Steel	11 1/4 lbs.
7233 1/2 x 7729*	3 1/2 in.	Push Stroke	Wrought Steel	12 1/2 lbs.

*Furnished in Berkeley, Beacon and Roxbury designs.

One-twelfth dozen in a box, with screws.

Specify Number (name of Design when bells with turns or push buttons are ordered) and Finish.

Finishes described on pages 16 to 18.

Push Buttons for Electric Bells

Illustrations One-quarter Size



600
Berkeley



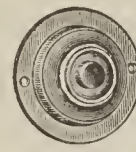
63,7063



97



64



62



7601
Berkeley

Number	Size	Description	Weight, Dozen
62	2 1/4 in.	Cast Brass or Bronze	1 7/8 lbs.
63	2 1/4 in.	Wrought Brass or Bronze	1 3/8 lbs.
64	2 5/8 x 1 3/16 in.	Cast Brass or Bronze	1 1/2 lbs.
97	3 1/8 x 1 5/8 in.	Wrought Brass or Bronze (Midget)	1 lb.
600 Berk.	3 1/4 x 1 3/4 in.	Wrought Brass or Bronze	1 3/4 lbs.
7063	2 1/4 in.	Wrought Steel	1 1/4 lbs.
7601 Berk.	3 1/4 x 1 3/4 in.	Wrought Steel (Midget)	7/8 lb.

Half dozen in a box, with screws.

To Match Entrance Door Handles

For Designs Illustrated and those which are not see pages 187 to 197



603
Ellington



603
Andre



603
Proctor



603
Tolland



603
Zephyr



603
Greenwich
Lucille



603
Brewster

Cast Brass or Bronze

Number	Size	Weight, 1/2 Doz.	Number	Size	Weight, 1/2 Doz.
603 Andre	1 7/8 x 1 3/16 in.	1/2 lb.	603 Newton	2 9/16 x 1 7/16 in.	1/2 lb.
603 Argo	1 1/2 x 1 1/2 in.	1/2 lb.	603 Proctor	1 1/2 in.	1/2 lb.
5403 Avon*	1 5/8 x 1 1/2 in.	1/2 lb.	603 Saybrook	1 1/2 in.	1/2 lb.
603 Brewster	3 x 1 1/2 in.	1/2 lb.	603 Schuyler	1 3/8 x 1 1/2 in.	3/8 lb.
603 Canton	1 5/8 x 1 1/2 in.	1/2 lb.	603 Spear	1 3/4 x 1 1/2 in.	1/2 lb.
5403 Echo*	1 1/2 x 1 1/2 in.	1/2 lb.	603 Tempo	1 1/2 x 1 1/2 in.	1/2 lb.
603 Ellington	2 13/16 x 1 3/8 in.	1/2 lb.	603 Tulip	1 15/16 x 1 7/16 in.	1/2 lb.
603 Falmouth	1 15/16 x 1 9/16 in.	3/8 lb.	603 Tolland	1 15/16 x 1 1/2 in.	1/2 lb.
603 Franklin	1 7/16 in.	3/8 lb.	5403 Wales*	2 1/8 x 1 1/2 in.	1/2 lb.
603 Gloucester	1 7/16 x 1 9/16 in.	3/8 lb.	5403 Warden*	3 x 1 9/16 in.	1/2 lb.
603 Greenwich	1 11/16 x 1 1/8 in.	3/8 lb.	5403 Windam*	1 15/16 x 1 1/2 in.	1/2 lb.
603 Hanover	1 1/2 x 1 1/2 in.	1/2 lb.	5403 Wyman*	2 7/8 x 1 7/16 in.	5/8 lb.
603 Hastings	1 1/2 x 1 1/2 in.	1/2 lb.	603 Yarmouth	1 1/8 x 1 9/16 in.	3/8 lb.
5403 Kent*	2 1/4 x 1 1/2 in.	3/8 lb.	603 Zephyr	1 1/2 in.	1/2 lb.
603 Lucille	1 11/16 x 1 1/8 in.	3/8 lb.			

*Furnished in Cast Russwin Metal in finishes 45H or 45B only or Cast Brass in finish 9 OE only.

For other ornamental Push Buttons see pages 22 to 175.

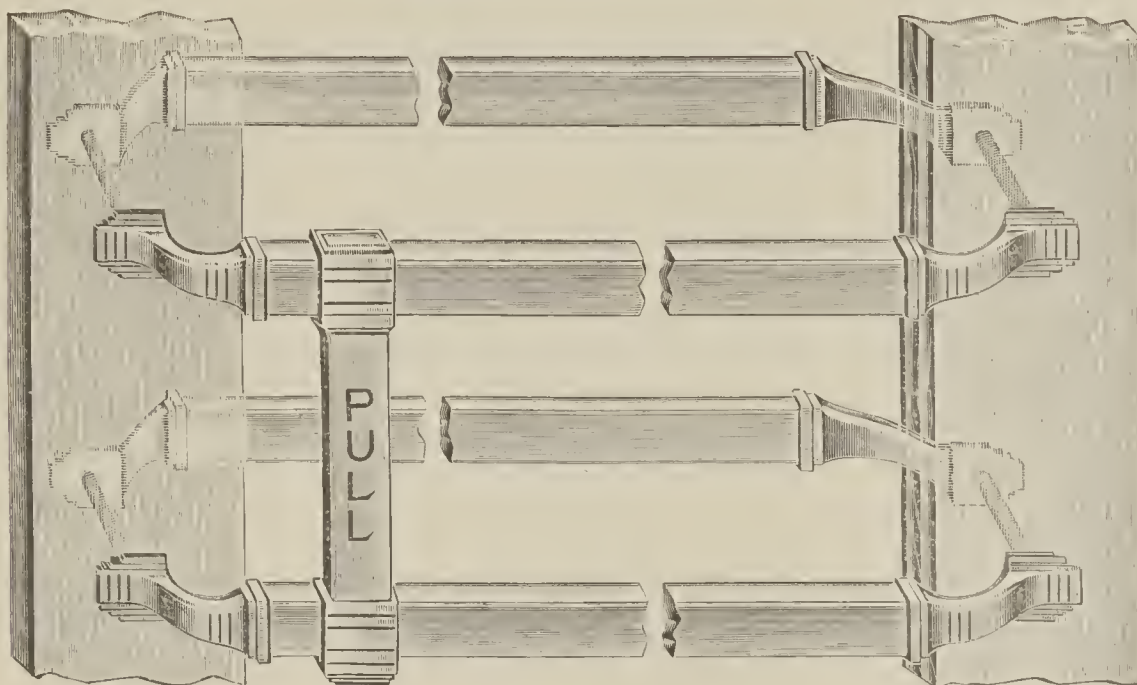
Specify Number, name of Design and Finish.

Half dozen in a box, with screws.

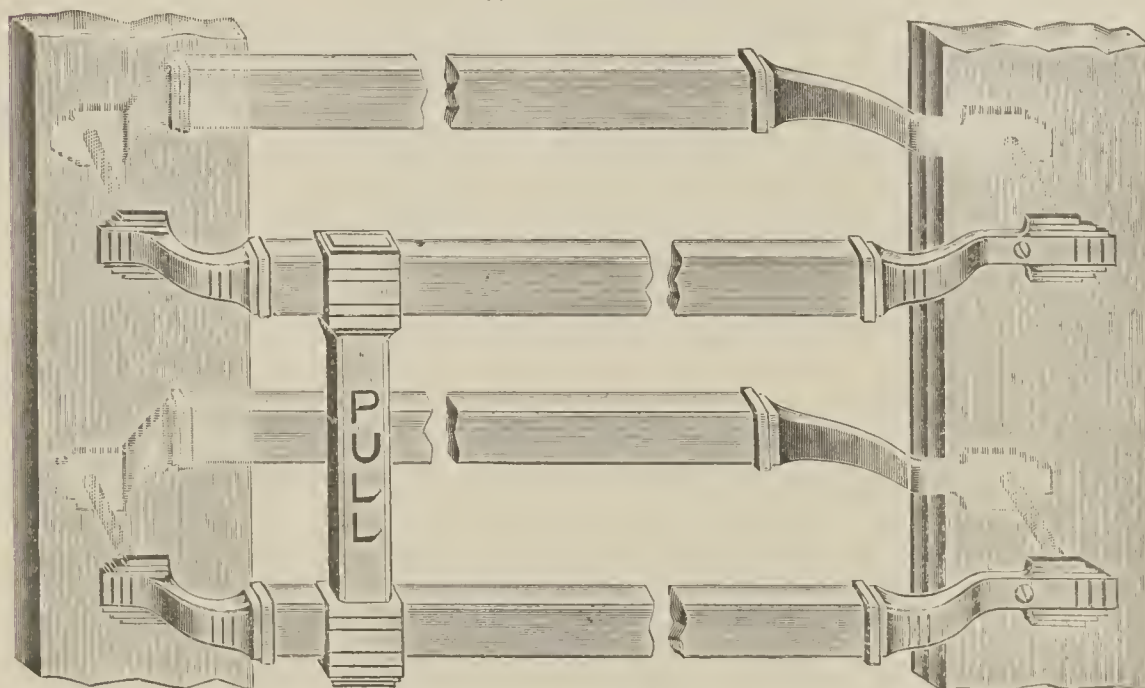
Finishes described on pages 16 to 18.

Combined Pull and Push Bars

Brass or Bronze
Illustrations One-quarter Size



812 Pyramid
Type of 812 Modart



813 Pyramid
Type of 813 Modart
Illustrations are Right Hand

Outside Bar Fastened to Door, with Machine Screws, through Bracket of Inside Bar

Distance Between Bars $6\frac{7}{8}$ in. Center to Center

Furnished regularly in 24, 30 and 36 inch lengths, with 1 inch Square Tubing. Special lengths furnished to order.

Number	Design	Cast Brackets	Projection	Clearance	Weight, Each		
					24 in.	30 in.	36 in.
812	Modart	$3\frac{1}{8} \times 1\frac{1}{8}$ in.	$2\frac{3}{8}$ in.	$1\frac{1}{4}$ in.	12½ lbs.	14½ lbs.	15¼ lbs.
812	Pyramid	$3\frac{1}{8} \times 1\frac{1}{8}$ in.	$2\frac{3}{8}$ in.	$1\frac{1}{4}$ in.	12½ lbs.	14½ lbs.	15¼ lbs.
Bracket for Hinge Stile. Bracket for Lock Stile							
813	Modart	$5\frac{1}{8} \times 1$ in.	$3\frac{1}{8} \times 1\frac{1}{8}$ in.	$2\frac{3}{8}$ in.	$1\frac{1}{4}$ in.	12½ lbs.	14½ lbs.
813	Pyramid	$5\frac{1}{8} \times 1$ in.	$3\frac{1}{8} \times 1\frac{1}{8}$ in.	$2\frac{3}{8}$ in.	$1\frac{1}{4}$ in.	12½ lbs.	14½ lbs.

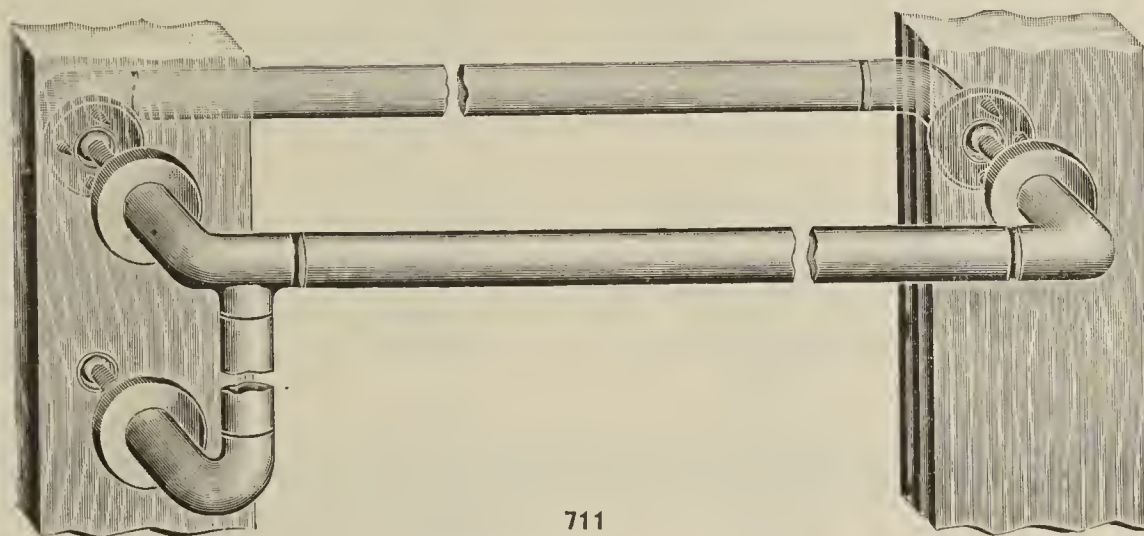
Specify Number, Finish, Hand, and Measurement from center to center of stile.
Finishes described on pages 16 to 18.

One set in a package, with screws.

Combined Pull and Push Bars

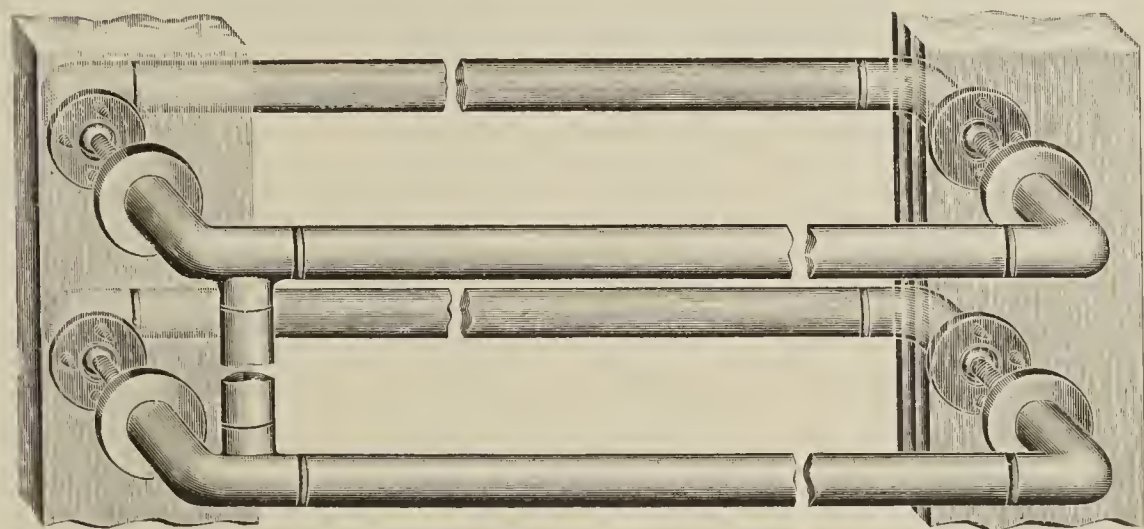
Brass or Bronze

Illustrations One-quarter Size



711

Not Reversible. Specify Hand
Illustration Right Hand



712

Reversible

Outside Bar Fastened to Door with Machine Screws. Inside Bar Fastened with Wood Screws

Furnished regularly in 24, 30 and 36 inch lengths, with 1 inch Round Tubing. Special lengths furnished to order.
The regular distance between Bars is 7 inches. Can be furnished (special) any distance required.

Number	Cast Brackets	Projection	Clearance	Weights, Each		
				24 in.	30 in.	36 in.
711	Base, 2 in. diameter	2¼ in.	1¼ in.	6⅞ lbs.	7½ lbs.	8¼ lbs.
712	Base, 2 in. diameter	2¼ in.	1¼ in.	11½ lbs.	13 lbs.	14¼ lbs.

Specify Number, Finish, (Hand of No. 711 Bars) and Measurement from center to center of stile.

One set in a package, with screws. Finishes described on pages 16 to 18.

Pull or Push Bars

Brass or Bronze

Illustrations One-quarter Size



706



707



805 Pyramid
Type of 805† Modart



806 Pyramid
Type of 806† Modart



715†
Specify Hand
Illustration Left Hand

Nos. 706 and 707 furnished regularly in 24-inch length, with 1-inch Round Tubing.

Nos. 805, D805 and 806 Modart and Pyramid furnished regularly in 24, 30 and 36-inch lengths with 1-inch Square Tubing. Special lengths furnished to order.

Number	Cast Brackets		Projection	Clearance	Weight, Each		
					24 in.	30 in.	36 in.
706	4 $\frac{3}{8}$ x 1 in.		2 in.	$\frac{7}{8}$ in.	2 $\frac{1}{2}$ lbs.		
707	4 $\frac{1}{2}$ x 1 $\frac{1}{8}$ in.		2 $\frac{1}{4}$ in.	1 $\frac{1}{8}$ in.	2 $\frac{1}{2}$ lbs.		
805 Modart*	3 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in.		2 $\frac{1}{4}$ in.	1 $\frac{1}{4}$ in.	3 lbs.	3 $\frac{1}{4}$ lbs.	3 $\frac{3}{4}$ lbs.
805 Pyramid*	3 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in.		2 $\frac{1}{4}$ in.	1 $\frac{1}{4}$ in.	3 lbs.	3 $\frac{1}{4}$ lbs.	3 $\frac{3}{4}$ lbs.
D805 Modart*	3 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in.		2 $\frac{1}{4}$ in.	1 $\frac{1}{4}$ in.	6 lbs.	6 $\frac{1}{2}$ lbs.	7 $\frac{1}{2}$ lbs.
D805 Pyramid*	3 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in.		2 $\frac{1}{4}$ in.	1 $\frac{1}{4}$ in.	6 lbs.	6 $\frac{1}{2}$ lbs.	7 $\frac{1}{2}$ lbs.
	Bracket for Hinge Stile	Bracket for Lock Stile					
806 Modart*	5 $\frac{1}{8}$ x 1 in.	3 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in.	2 $\frac{1}{4}$ in.	1 $\frac{1}{4}$ in.	3 lbs.	3 $\frac{1}{4}$ lbs.	3 $\frac{3}{4}$ lbs.
806 Pyramid*	5 $\frac{1}{8}$ x 1 in.	3 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in.	2 $\frac{1}{4}$ in.	1 $\frac{1}{4}$ in.	3 lbs.	3 $\frac{1}{4}$ lbs.	3 $\frac{3}{4}$ lbs.

*Furnished to order, with either Push or Pull applique.

Packed with bronze machine screws and washers, for fastening through door.

When double bars are required, one for each side of door, prefix "D" to number.

Number	Width Base	Width Over-all	Projection	Clearance
715†	1 $\frac{1}{4}$ in.	2 $\frac{1}{4}$ in.	1 $\frac{1}{4}$ in.	$\frac{5}{8}$ in.

†Furnished in lengths center to center, as listed below. Specify hand and length.

Lengths

14 $\frac{1}{2}$ in., 16 $\frac{1}{2}$ in., 19 $\frac{1}{2}$ in., 21 in., 22 $\frac{1}{2}$ in., 24 in., 24 $\frac{1}{2}$ in., 25 $\frac{1}{2}$ in., 26 $\frac{1}{8}$ in., 27 in., 28 in., 28 $\frac{1}{2}$ in., 29 $\frac{1}{2}$ in., 30 in., 30 $\frac{1}{2}$ in., 31 in., 31 $\frac{1}{2}$ in., 32 $\frac{3}{8}$ in., 35 $\frac{1}{2}$ in., 36 in., 36 $\frac{5}{8}$ in., 38 in., 39 $\frac{1}{2}$ in., 41 in.

Specify Number, Finish and Measurement from center to center of stile. One in a package, with screws.

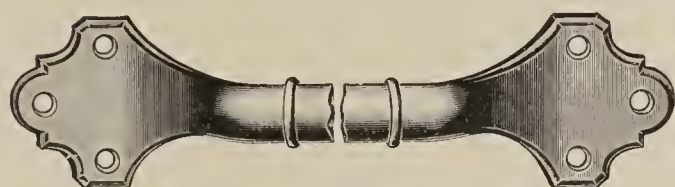
Finishes described on pages 16 to 18.

Pull or Push Bars

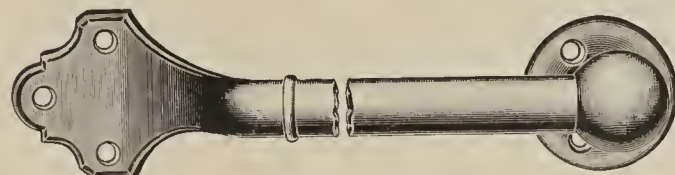
and Attachments

Brass or Bronze

Illustrations One-quarter Size



701



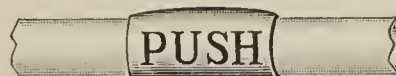
702



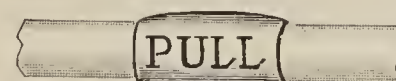
703



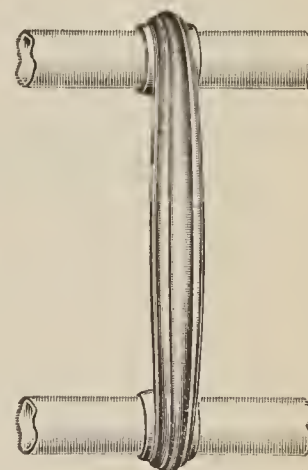
705
Type of 708



901*



902*



903

Regular length is 24 inches from center to center of brackets. Special lengths furnished to order.

Number	Cast Brackets	Projection	Clearance	Bar	Weight, Each 24 inch
701†	3 x 3 in.	2 3/4 in.	1 5/8 in.	1 in. Round Tubing	3 3/4 lbs.
702†	3 x 3 in. x 2 5/8 in. dia.	3 in.	1 5/8 in.	1 in. Round Tubing	3 1/2 lbs.
703†	2 5/8 in. dia.	3 in.	1 5/8 in.	1 in. Round Tubing	3 1/4 lbs.
705	2 in. dia.	2 1/4 in.	1 1/4 in.	1 in. Round Tubing	2 1/2 lbs.
708‡	2 in. dia.	2 1/4 in.	1 1/4 in.	1 in. Round Tubing	2 1/2 lbs.

†Can be furnished in Bower Barff (Finish No. 46).

‡Fastened with machine screws through door from opposite side.

Specify Number, Finish and Measurement from center to center of stiles. One in a package, with screws.

When double bars are required, one for each side of door, prefix "D" to Number.

Pull or Push Bar Attachments

Cast Brass or Bronze

Can be applied to any Round Bar having 1 inch outside diameter.

Number	Description	Weight, Each
901*	For Single Pull or Push Bars	1/2 lb.
902*	For Double Pull or Push Bars, Distance between Bars 6 7/8 in. Center to Center	2 1/4 lbs.
903	For Double Pull or Push Bars, Distance between Bars 6 1/2 in. Center to Center	1 1/2 lbs.

*Specify if wanted "Push" or "Pull"; Not Reversible, Specify Hand.

Specify Number and Finish.

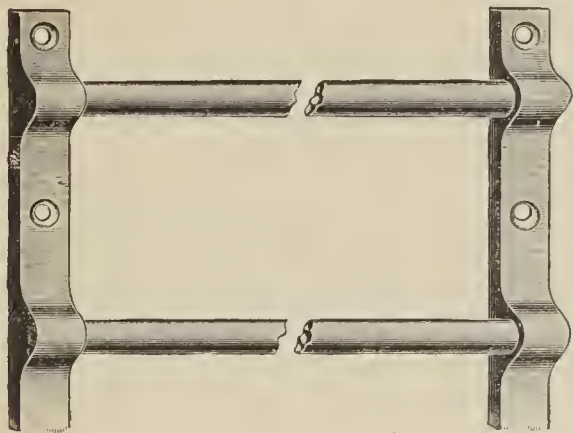
Finishes described on pages 16 to 18.

One in a package, with screws.

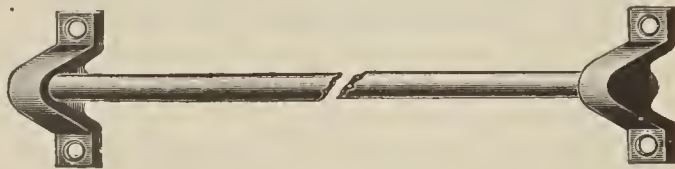
Guard Bars

For Doors or Windows

Illustrations One-quarter Size



2
Type of 3, 4, 5



120 1/2, 121

The Regular Length is 24 Inches from Center to Center of Brackets
Furnished in Any Desired Length. (Specify Length)

Number	Size	Cast Brass or Bronze Brackets	Bar	Projection	Clearance	Weight, Each
2† Two Bars	24 in.	3/4 in. Wide	1/2 in. Round Tubing	1 1/4 in.	1/2 in.	2 1/8 lbs.
3† Three Bars	24 in.	3/4 in. Wide	1/2 in. Round Tubing	1 1/4 in.	1/2 in.	3 1/4 lbs.
4† Four Bars	24 in.	3/4 in. Wide	1/2 in. Round Tubing	1 1/4 in.	1/2 in.	5 3/4 lbs.
5† Five Bars	24 in.	3/4 in. Wide	1/2 in. Round Tubing	1 1/4 in.	1/2 in.	7 lbs.
120 1/2	24 in.	2 1/2 x 1 1/16 in.	1/2 in. Round Tubing	1 1/16 in.	7/16 in.	7/8 lbs.
121	24 in.	2 3/4 x 3/4 in.	1 in. Round Tubing	1 3/8 in.	3/8 in.	1 7/8 lbs.

Give measurement from center to center of stile. Two in a package, with screws.
† Distance between bars 3 1/2 in. center to center.

Closet Bars

Wall to Wall Type



800, 7800

Wrought Brass

Number	Size	Extension	Base	Bars	Weight, Doz.
800	18 in.	30 in.	2 1/8 in. Dia.	1 in. and 1 5/16 in. Dia.	18 lbs.
	30 in.	48 in.	2 1/8 in. Dia.	1 in. and 1 5/16 in. Dia.	28 lbs.
	48 in.	78 in.	2 1/8 in. Dia.	1 in. and 1 5/16 in. Dia.	42 lbs.
	72 in.	120 in.	2 1/8 in. Dia.	1 in. and 1 5/16 in. Dia.	61 lbs.

Wrought Steel

7800	18 in.	30 in.	2 1/8 in. Dia.	1 in. and 1 5/16 in. Dia.	18 lbs.
	30 in.	48 in.	2 1/8 in. Dia.	1 in. and 1 5/16 in. Dia.	28 lbs.
	48 in.	78 in.	2 1/8 in. Dia.	1 in. and 1 5/16 in. Dia.	42 lbs.
	72 in.	120 in.	2 1/8 in. Dia.	1 in. and 1 5/16 in. Dia.	61 lbs.

Six in a box, with screws. Specify Number, Size and Finish. Finishes described on pages 16 to 18.

Barrel, Bookcase and Cupboard Bolts

Illustrations One-quarter Size



211 to 7211



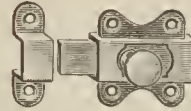
0707



307



309



0150



0200

Barrel Bolts

No.	Size	Description	Weight, Dozen	No.	Size	Description	Weight, Dozen
211	2½ in.	Wrought Brass	2¾ lbs.	2211	2½ in.	Wrought Steel Japanned	1¾ lbs.
	3 in.	Wrought Brass	2¾ lbs.		3 in.	Wrought Steel Japanned	2⅝ lbs.
	4 in.	Wrought Brass	3½ lbs.		4 in.	Wrought Steel Japanned	3¼ lbs.
	5 in.	Wrought Brass	4¼ lbs.		5 in.	Wrought Steel Japanned	4⅛ lbs.
	6 in.	Wrought Brass	5 lbs.		6 in.	Wrought Steel Japanned	4¾ lbs.
	8 in.	Wrought Brass			8 in.	Wrought Steel Japanned	
7211	2½ in.	Wrought Steel	1¾ lbs.	0707*	2½ in.	Cast Bronze, Finish 11	3¼ lbs.
	3 in.	Wrought Steel	2⅝ lbs.		3 in.	Cast Bronze, Finish 11	4 lbs.
	4 in.	Wrought Steel	3¼ lbs.		4 in.	Cast Bronze, Finish 11	5 lbs.
	5 in.	Wrought Steel	4⅛ lbs.		5 in.	Cast Bronze, Finish 11	7½ lbs.
	6 in.	Wrought Steel	4¾ lbs.		6 in.	Cast Bronze, Finish 11	8½ lbs.
	8 in.	Wrought Steel					

* Navy Specification No. 43B7A.

Bookcase Bolts

Number	Inches	Description	Weight, Dozen
307	3¼ x ⅝ in.	Wrought Brass, Specify Hand.	1¾ lbs.
309	4 x ¾ in.	Cast Brass or Bronze, Reversible	3½ lbs.

Cupboard Bolts

0150	2 in.	Cast Bronze	2 lbs.
0200	2 in.	Cast Bronze	1¼ lbs.

Specify Number, Size and Finish.

Finishes described on pages 16 to 18.

One dozen in a box.

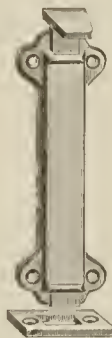
All numbers, including Japanned, packed with screws

Cane and Foot Bolts

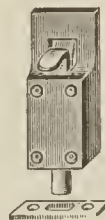
Illustrations One-quarter Size



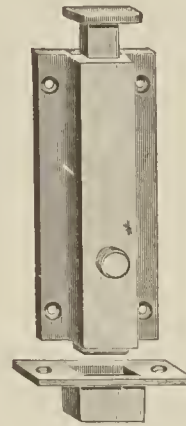
2223



2281



043, 7043



041, 2041, 7041



2235

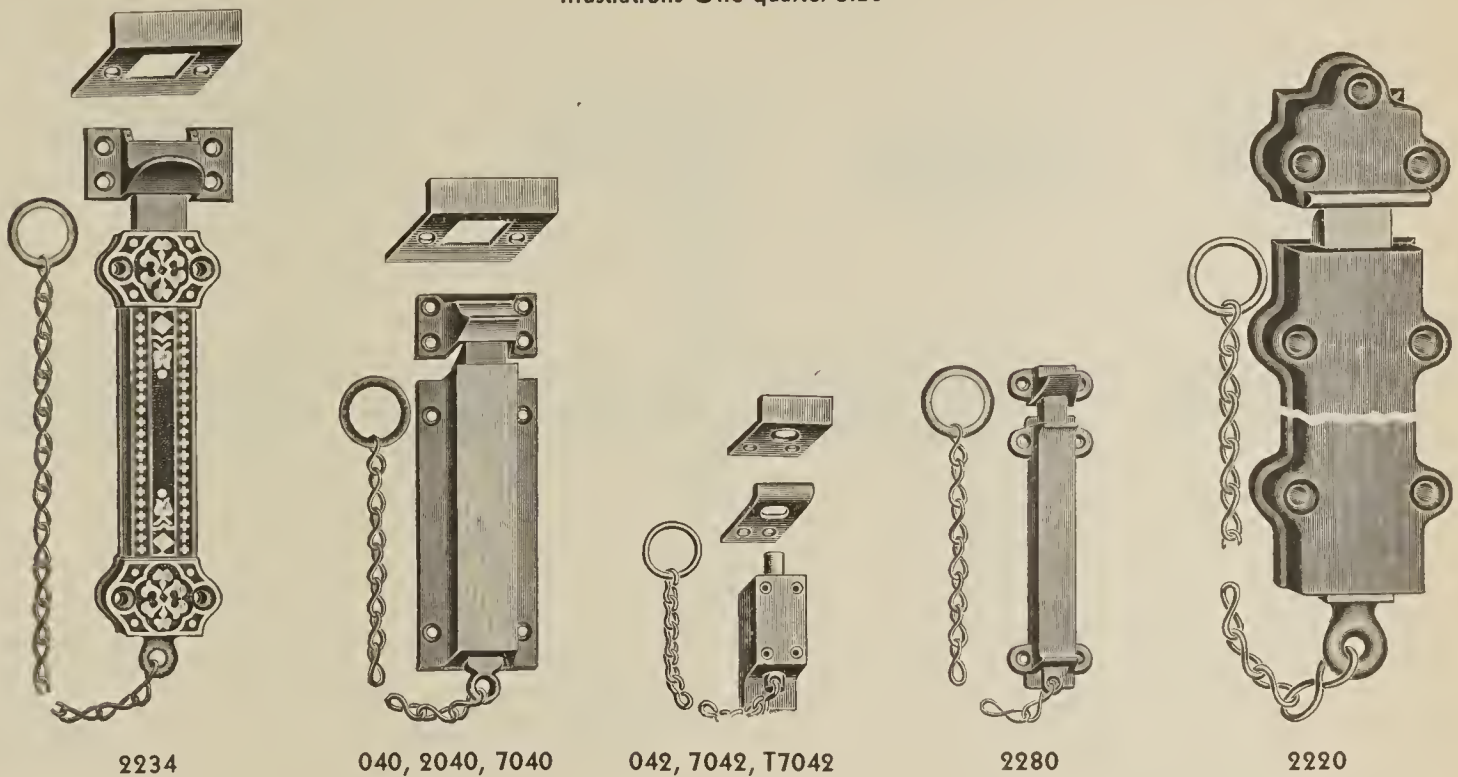
Number	Size	Width	Description	Weight, Dozen	Case Quantities
041	4 in.	1 3/4 in.	Cast Brass or Bronze	6 3/8 lbs.	
041	6 in.	2 1/8 in.	Cast Brass or Bronze	13 5/8 lbs.	
041	8 in.	2 1/8 in.	Cast Brass or Bronze	16 1/2 lbs.	
043	2 5/8 in.	1 1/2 in.	Cast Brass or Bronze	2 5/8 lbs.	
2041	4 in.	1 3/4 in.	Cast Iron, Japanned	6 1/4 lbs.	12 doz. 87 lbs.
2041	6 in.	2 1/8 in.	Cast Iron, Japanned	11 5/8 lbs.	12 doz. 162 lbs.
2041	8 in.	2 1/8 in.	Cast Iron, Japanned	14 1/4 lbs.	12 doz. 205 lbs.
2223*	20 in.	3 1/4 in.	Cast Iron, Japanned	99 3/4 lbs.	— —
2235	6 in.	1 3/4 in.	Cast Iron, Japanned	11 5/8 lbs.	12 doz. 155 lbs.
2235	8 in.	2 in.	Cast Iron, Japanned	17 7/8 lbs.	12 doz. 239 lbs.
2235	10 in.	2 3/8 in.	Cast Iron, Japanned	26 1/8 lbs.	6 doz. 172 lbs.
2281	6 in.	1 3/4 in.	Cast Iron, Japanned	5 7/8 lbs.	12 doz. 70 lbs.
7041	4 in.	1 3/4 in.	Cast Iron, Plated	5 7/8 lbs.	12 doz. 87 lbs.
7041	6 in.	2 1/8 in.	Cast Iron, Plated	10 lbs.	12 doz. 162 lbs.
7041	8 in.	2 1/8 in.	Cast Iron, Plated	13 3/4 lbs.	12 doz. 205 lbs.
7043	2 5/8 in.	1 1/2 in.	Cast Iron, Plated	2 1/8 lbs.	— —
T7043	2 5/8 in.	1 1/2 in.	Cast Iron	3 1/4 lbs.	— —

*Guides can be placed to give a throw up to 12 in. Can also be used to hold door open.

Specify Number, Size and Finish. Finishes described on pages 16 to 18. All numbers, including Japanned, packed with screws.
Nos. 043, 7043, T7043, 2281, one dozen; others half dozen in a box, or package.

Chain Bolts

Illustrations One-quarter Size



Furnished reverse bevel with angle strikes, except No. 2280. Suffix RB to number.

Number	Size	Width	Length Chain	Description	Weight, Dozen	Case Quantities
040	3 in.	1½ in.	24 in.	Cast Bronze	4⅝ lbs.	
040	4 in.	1¾ in.	24 in.	Cast Bronze	7½ lbs.	
040	6 in.	2⅛ in.	24 in.	Cast Bronze	12⅝ lbs.	
040	8 in.	2⅛ in.	24 in.	Cast Bronze	14 lbs.	
042	2 in.	1½ in.	24 in.	Cast Bronze	3½ lbs.	
2220	13 in.	3½ in.	24 in.	Cast Iron, Japanned	96¾ lbs.	
2040	3 in.	1¾ in.	24 in.	Cast Iron, Japanned	4⅝ lbs.	12 doz. 70 lbs.
2040	4 in.	1¾ in.	24 in.	Cast Iron, Japanned	6⅜ lbs.	12 doz. 92 lbs.
2040	6 in.	2⅛ in.	24 in.	Cast Iron, Japanned	11⅜ lbs.	12 doz. 172 lbs.
2040	8 in.	2⅛ in.	24 in.	Cast Iron, Japanned	14⅛ lbs.	12 doz. 203 lbs.
2234	3 in.	1½ in.	24 in.	Cast Iron, Japanned	5⅞ lbs.	12 doz. 78 lbs.
2234	4 in.	1⅝ in.	24 in.	Cast Iron, Japanned	9 lbs.	12 doz. 120 lbs.
2234	5 in.	1⅝ in.	24 in.	Cast Iron, Japanned	11¼ lbs.	12 doz. 141 lbs.
2234	6 in.	1¾ in.	24 in.	Cast Iron, Japanned	12½ lbs.	12 doz. 164 lbs.
2234	8 in.	2 in.	24 in.	Cast Iron, Japanned	18½ lbs.	12 doz. 247 lbs.
2234	10 in.	2⅜ in.	24 in.	Cast Iron, Japanned	20 lbs.	6 doz. 129 lbs.
2280	3 in.	1½ in.	24 in.	Cast Iron, Japanned	3¼ lbs.	24 doz. 75 lbs.
2280	4 in.	1⅝ in.	24 in.	Cast Iron, Japanned	4⅛ lbs.	24 doz. 98 lbs.
2280	5 in.	1⅝ in.	24 in.	Cast Iron, Japanned	4¾ lbs.	24 doz. 132 lbs.
2280	6 in.	1¾ in.	24 in.	Cast Iron, Japanned	6⅝ lbs.	12 doz. 100 lbs.
7040	3 in.	1¾ in.	24 in.	Cast Iron, Plated	4⅜ lbs.	12 doz. 70 lbs.
7040	4 in.	1¾ in.	24 in.	Cast Iron, Plated	5⅞ lbs.	12 doz. 92 lbs.
7040	6 in.	2⅛ in.	24 in.	Cast Iron, Plated	10⅞ lbs.	12 doz. 172 lbs.
7040	8 in.	2⅛ in.	24 in.	Cast Iron, Plated	13¼ lbs.	12 doz. 203 lbs.
7042	2 in.	1½ in.	24 in.	Cast Iron, Plated	3⅛ lbs.	— —
T7042	2 in.	1½ in.	24 in.	Cast Iron	3¼ lbs.	— —

Specify Number, Size and Finish. Finishes described on pages 16 to 18. All numbers, including Japanned, packed with screws.

Nos. 2220, one-sixth dozen; 042, 7042, T7042, one dozen; other numbers half dozen in a box, or package.

Flat, Ship and Square Bolts

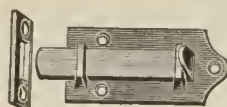
Illustrations One-quarter Size



106, 107



202



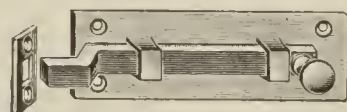
202 1/2



0204



2205



0206



2207



0212

Flat Bolts

Number	Size	Description	Weight, Dozen
202	2 1/2 in.	Wrought Brass, Polished	1 5/8 lbs.
202 1/2	2 1/2 in.	Wrought Brass, Polished	1 1/2 lbs.

Ship Bolts

106	2 x 1 1/2 in.	Cast Brass, Polished	1 5/8 lbs.
107	1 3/4 x 1 1/4 in.	Cast Brass, Polished	1 1/4 lbs.

One dozen in a box, with screws.

Square Bolts

Furnished with flat strike when specified

Number	Size	Description	Weight, Dozen	Number	Size	Description	Weight, Dozen
0204	3 in.	Cast Brass or Bronze	2 lbs.	2205	2 1/2 in.	Wrought Steel, Japanned	1 lb.
	4 in.	Cast Brass or Bronze	4 lbs.		3 in.	Wrought Steel, Japanned	1 1/8 lbs.
	6 in.	Cast Brass or Bronze	6 1/8 lbs.		4 in.	Wrought Steel, Japanned	1 3/4 lbs.

Square Necked Bolts

0206	3 in.	Cast Brass or Bronze	2 5/8 lbs.	2207	2 1/2 in.	Wrought Steel, Japanned	1 lb.
	4 in.	Cast Brass or Bronze	4 lbs.		3 in.	Wrought Steel, Japanned	1 1/4 lbs.
	5 in.	Cast Brass or Bronze	6 lbs.		4 in.	Wrought Steel, Japanned	1 3/4 lbs.

0204 and 0206, half dozen in a box; 2205 and 2207, one dozen in a box.

Square Cased Bolts

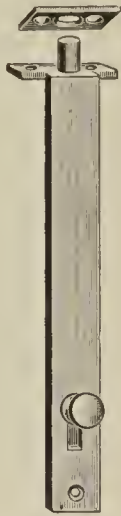
Number	Size	Description	Weight, Dozen
0212	3 in.	Cast Brass or Bronze	4 1/4 lbs.
	4 in.	Cast Brass or Bronze	4 3/4 lbs.

Half dozen in a box.

Specify Number, Size and Finish. Finishes described on pages 16 to 18. All numbers, including Japanned, packed with screws.

Flush Bolts

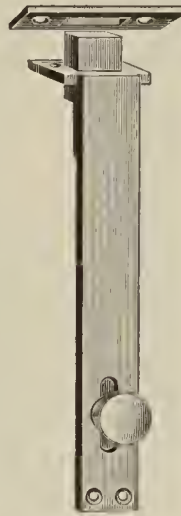
Illustrations One-quarter Size



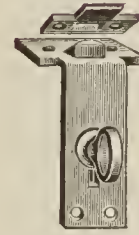
0114



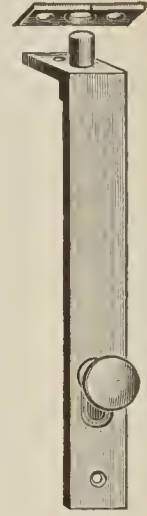
0115, 7115



0116



0133



0119

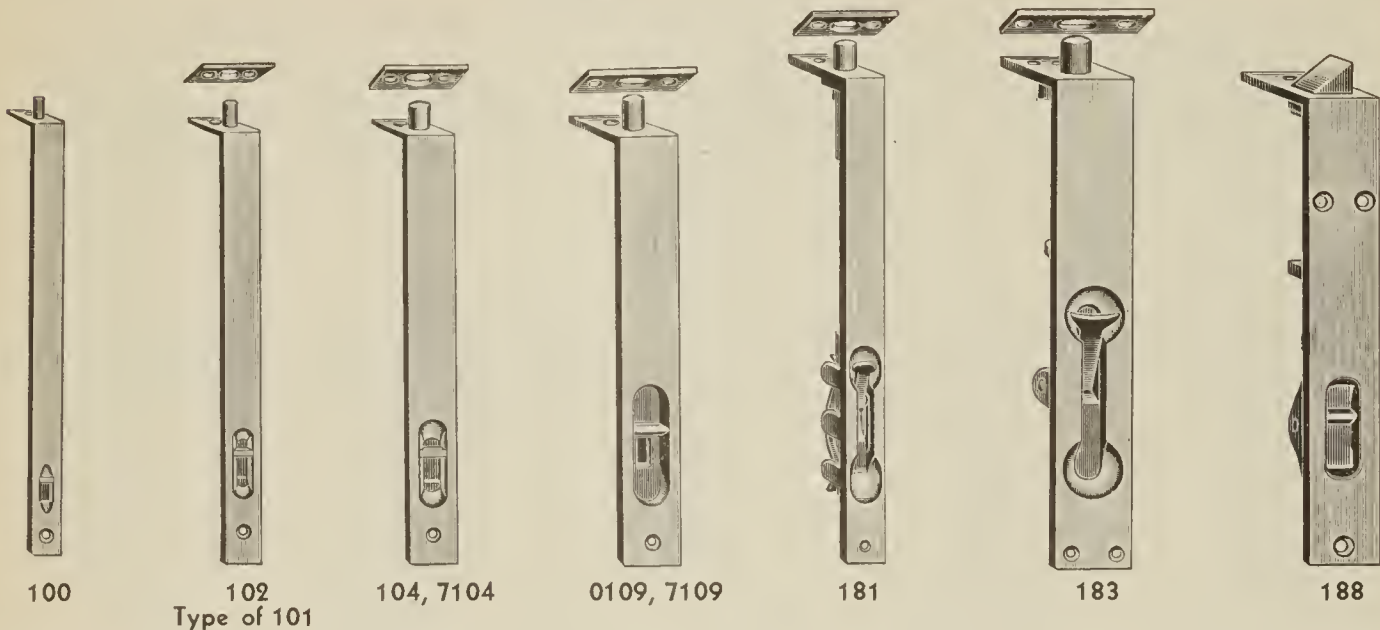
Number	Length	Width	Bolt	Plate	Weight, Dozen
0114	3 in.	$\frac{5}{8}$ in.	Brass	Cast Brass or Bronze	2 lbs.
	4 in.	$\frac{5}{8}$ in.	Brass	Cast Brass or Bronze	2 $\frac{1}{4}$ lbs.
	6 in.	$\frac{5}{8}$ in.	Brass	Cast Brass or Bronze	3 $\frac{1}{8}$ lbs.
0115	3 in.	$\frac{3}{4}$ in.	Brass	Wrought Brass or Bronze	2 lbs.
	4 in.	$\frac{3}{4}$ in.	Brass	Wrought Brass or Bronze	2 $\frac{1}{4}$ lbs.
	6 in.	$\frac{3}{4}$ in.	Brass	Wrought Brass or Bronze	3 $\frac{1}{4}$ lbs.
0116	4 in.	1 in.	Brass	Cast Brass or Bronze	8 lbs.
	6 in.	1 in.	Brass	Cast Brass or Bronze	10 $\frac{3}{4}$ lbs.
	8 in.	1 in.	Brass	Cast Brass or Bronze	13 $\frac{1}{8}$ lbs.
0119	6 in.	1 in.	Brass	Cast Brass or Bronze	6 $\frac{1}{2}$ lbs.
	8 in.	1 in.	Brass	Cast Brass or Bronze	8 $\frac{1}{4}$ lbs.
	12 in.	1 in.	Brass	Cast Brass or Bronze	10 $\frac{7}{8}$ lbs.
0133	3 in.	$\frac{3}{4}$ in.	Brass	Cast Brass or Bronze	3 lbs.
7115	3 in.	$\frac{3}{4}$ in.	Iron	Wrought Steel	2 lbs.
	4 in.	$\frac{3}{4}$ in.	Iron	Wrought Steel	2 $\frac{3}{8}$ lbs.
	6 in.	$\frac{3}{4}$ in.	Iron	Wrought Steel	3 $\frac{1}{4}$ lbs.

Nos. 0114, 0133, half dozen; 0116, 0119, quarter dozen; 0115, 7115, one dozen; in box, with screws.
Specify Number, Length and Finish.

Finishes described on pages 16 to 18.

Flush Bolts

Illustrations One-quarter Size



Number	Length	Width	Bolt	Plate	Weight, Dozen
100*	2 in.	3/8 in.	Iron	Wrought Brass	1/2 lb.
	2 1/2 in.	3/8 in.	Iron	Wrought Brass	1/2 lb.
	3 in.	3/8 in.	Iron	Wrought Brass	5/8 lb.
	4 in.	3/8 in.	Iron	Wrought Brass	3/4 lb.
101*	2 1/2 in.	1/2 in.	Iron	Wrought Brass	5/8 lb.
	3 in.	1/2 in.	Iron	Wrought Brass	3/4 lb.
	4 in.	1/2 in.	Iron	Wrought Brass	1 lb.
	6 in.	1/2 in.	Iron	Wrought Brass	1 3/8 lbs.
102	3 in.	5/8 in.	Iron	Wrought Brass	1 3/8 lbs.
	4 in.	5/8 in.	Iron	Wrought Brass	1 3/4 lbs.
	6 in.	5/8 in.	Iron	Wrought Brass	2 1/4 lbs.

Three dozen in a box, with screws. *Furnished regular, without strikes.

104	4 in.	3/4 in.	Iron	Wrought Brass	1 3/4 lbs.
	6 in.	3/4 in.	Iron	Wrought Brass	2 1/2 lbs.
	8 in.	3/4 in.	Iron	Wrought Brass	3 3/8 lbs.
7104	4 in.	3/4 in.	Iron	Wrought Steel	1 3/4 lbs.
	6 in.	3/4 in.	Iron	Wrought Steel	2 1/2 lbs.
	8 in.	3/4 in.	Iron	Wrought Steel	3 1/4 lbs.

3 to 6 inch, three dozen; 8 inch, one dozen; in a box, with screws.

0109	6 in.	1 in.	Brass	Cast Bronze	2 1/2 lbs.
	8 in.	1 in.	Brass	Cast Bronze	3 lbs.
	12 in.	1 in.	Brass	Cast Bronze	8 1/4 lbs.
7109	6 in.	1 in.	Iron	Cast Iron	5 7/8 lbs.
	8 in.	1 in.	Iron	Cast Iron	7 3/4 lbs.
	12 in.	1 in.	Iron	Cast Iron	10 3/4 lbs.

One-quarter dozen in a box, with screws.

181	6 in.	5/8 in.	Brass	Cast Bronze	3 3/4 lbs.
	9 in.	5/8 in.	Brass	Cast Bronze	7 1/4 lbs.
	12 in.	5/8 in.	Brass	Cast Bronze	9 lbs.
183	9 in.	1 1/4 in.	Brass	Cast Bronze	13 5/8 lbs.
	12 in.	1 1/4 in.	Brass	Cast Bronze	16 lbs.
	18 in.	1 1/4 in.	Brass	Cast Bronze	24 lbs.
188†	8 1/4 in.	1 1/4 in.	Brass	Cast Bronze	15 lbs.

†Latching Flush Bolt. To be applied at top of standing leaf of double doors.

For Dust Proof Strikes, see page 380.

Specify Number, Length and Finish. Finishes described on pages 16 to 18. One-sixth dozen in a box, with screws.

Flush Bolts

Illustrations One-quarter Size



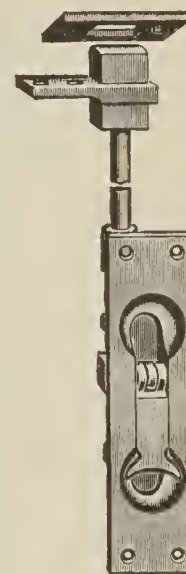
191, 7191



194, 7194
Type of 195



394



196

Cast Brass or Bronze

No. 0194, as 194, with convex plate for use upon door stiles with rounded edge; standard radius $2\frac{1}{4}$ in.

No. 194 $\frac{1}{2}$, as 194, with rabbeted plate for use upon door stiles with $\frac{1}{2}$ in. rabbeted edge. Reversible.

No. 294, as 194, with round bolt-heads for use upon metal doors. Made to template and packed with machine screws. Strike omitted unless specified.

No. 394, as 194, with special bolt head. For use on Metal Sliding Elevator Doors. Made to template and packed with machine screws. Strike omitted.

Furnished with Rods (including Bolt Head) 9, 12, 18 or 24 inches in length.

Can be furnished with Rods longer than 24 inches and not over 36 inches.

Furnished without Rods when so ordered.

Number	Bolt Head	Plate	Weight, Dozen
191	$\frac{3}{8}$ in., Brass	5 x $\frac{5}{8}$ in.	5 $\frac{5}{8}$ lbs.
194	$\frac{1}{2}$ in., Brass	6 $\frac{3}{4}$ x 1 $\frac{1}{4}$ in.	9 $\frac{5}{8}$ lbs.
0194	$\frac{1}{2}$ in., Brass	6 $\frac{3}{4}$ x 1 $\frac{1}{4}$ in. Convex	10 $\frac{7}{8}$ lbs.
194 $\frac{1}{2}$	$\frac{1}{2}$ in., Brass	6 $\frac{3}{4}$ x 1 $\frac{3}{8}$ in. Rabbeted	14 $\frac{1}{4}$ lbs.
195	$\frac{1}{2}$ in., Brass	6 $\frac{5}{8}$ x 1 $\frac{1}{2}$ in.	10 $\frac{3}{8}$ lbs.
196	$\frac{7}{8}$ in., Brass	6 $\frac{3}{4}$ x 1 $\frac{1}{2}$ in.	14 $\frac{1}{4}$ lbs.
294	$\frac{1}{2}$ in., Brass	6 $\frac{3}{4}$ x 1 $\frac{1}{4}$ in. Round Head	10 $\frac{1}{4}$ lbs.
394	$\frac{1}{2}$ Sq. x $\frac{1}{2}$ Rd. Brass	6 $\frac{3}{4}$ x 1 $\frac{1}{4}$ in.	9 $\frac{5}{8}$ lbs.

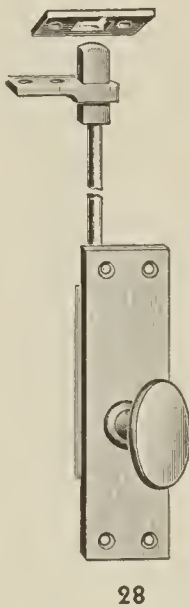
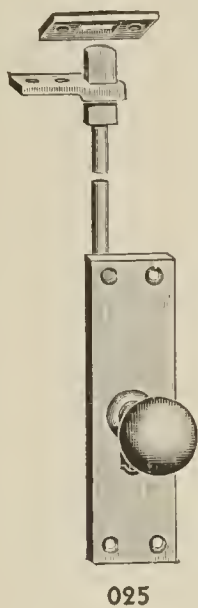
Cast Iron

7191	$\frac{3}{8}$ in., Iron	5 x $\frac{5}{8}$ in.	5 $\frac{1}{2}$ lbs.
7194	$\frac{1}{2}$ in., Iron	6 $\frac{3}{4}$ x 1 $\frac{1}{4}$ in.	8 $\frac{7}{8}$ lbs.

Specify Number, Length of Rod and Finish. For Dust Proof Strikes, see page 380.
Finishes described on pages 16 to 18. Two in a box, with screws.

Flush Bolts

Illustrations One-quarter Size



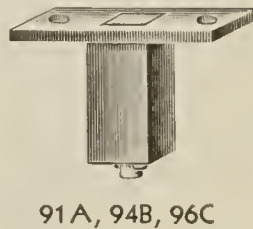
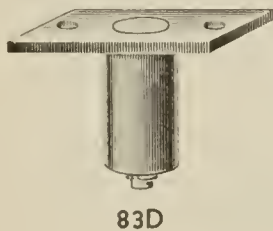
Cast Brass or Bronze

Furnished with Rods (including Bolt Head) 9, 12, 18 or 24 inches in length.
Can be furnished with Rods longer than 24 inches and not over 36 inches.
Furnished without Rods when so ordered.

Number	Bolt Head	Plate	Weight, Dozen
025	1/2 in., Brass	5 3/4 x 1 1/2 in.	11 lbs.
027	5/16 in., Brass	2 1/2 x 1 3/8 in.	6 5/8 lbs.
28	1/2 in., Brass	5 3/4 x 1 1/2 in.	12 1/4 lbs.

Specify Number, length of Rod and Finish. Finishes described on pages 16 to 18. Two in a box, with screws.

Dust Proof Strikes



Cast Brass or Bronze

Number	For Bolt Head	Size of Face	For Bolts
83D-83DD*	1/2 in. Round	2 3/4 x 1 3/8 in.	183-294
91A-91AA*	3/8 in. Square	2 x 1 in.	027-181-191
94B-94BB*	1/2 in. Square	2 3/4 x 1 3/8 in.	025-28-0194-194-194 1/2-195-1150 1/2-1548
96C-96CC*	7/8 in. Square	3 1/4 x 1 7/8 in.	196-1543

*Furnished with machine screws and expansion shields.

Mortise Door Bolts

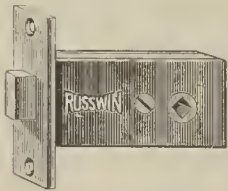
Illustrations One-quarter Size



160



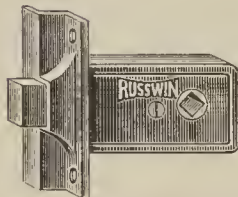
160
 Case: $1\frac{1}{2} \times 1\frac{3}{4} \times \frac{1}{2}$ in., Cast Iron, Japanned.
 Front: $2\frac{5}{8} \times \frac{5}{8}$ in., Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $1\frac{1}{4}$ in.
 Bolt Hub: Brass for $\frac{3}{16}$ in. Spindle. (Cannot furnish with $\frac{5}{16}$ in. Hub.)
 Strike: No Lip, Wrought Brass or Bronze, Type No. 5.
 Bolts: Cast Bronze.
 Operation: By Turn Knob No. 054.
 Weight: Dozen, 6 lbs.



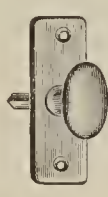
161
Type of 160½



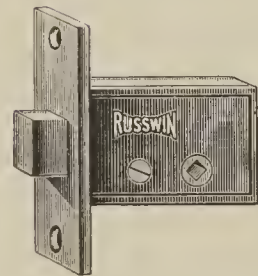
160½
 Case: $1\frac{1}{2} \times 2\frac{1}{2} \times \frac{9}{16}$ in., Cast Iron, Japanned.
 Front: $3\frac{1}{8} \times \frac{7}{8}$ in., Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $1\frac{7}{8}$ in.
 Bolt Hub: Brass for $\frac{5}{16}$ in. Spindle. (Can furnish with $\frac{3}{16}$ in. Hub.)
 Strike: No Lip, Wrought Brass or Bronze, Type No. 5.
 Bolts: Cast Bronze.
 Operation: By Turn Knob No. 554.
 Weight: Dozen, $8\frac{5}{8}$ lbs.



170



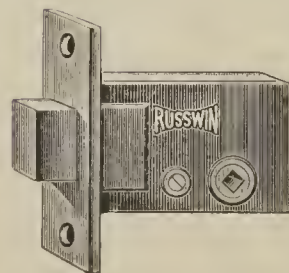
161
 Description: Same as No. 160½, except,
 Case: $1\frac{1}{2} \times 3\frac{3}{8} \times \frac{9}{16}$ in., Cast Iron, Japanned.
 Backset: Regular, $2\frac{1}{2}$ in., Special, $2\frac{5}{8}$, $2\frac{3}{4}$ in.
 Width of Case $1\frac{3}{16}$ in. more than Backset.
 Weight: Dozen, $9\frac{3}{4}$ lbs.



166



170
 Description: Same as 160½, except has Rabbeted Front $3\frac{1}{8} \times \frac{7}{8} \times \frac{1}{2}$ in.
 Backset: Regular, $1\frac{7}{8}$ in. Short Side, $2\frac{3}{8}$ in. Long Side. Special, $1\frac{1}{8}$ in. Short Side, $1\frac{5}{8}$ in. Long Side, Reversible.
 Width of Case $1\frac{3}{16}$ in. more than Short Side Backset.
 Operation: Same as 160½.
 Weight: Dozen, $10\frac{3}{4}$ lbs.



167



166
 Case: $2 \times 3\frac{1}{2} \times 1\frac{3}{16}$ in., Cast Iron, Japanned.
 Front: $4\frac{3}{8} \times 1\frac{3}{16}$ in., Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{7}{16}$ in., Special, $1\frac{1}{2}$ in.
 Width of Case, $\frac{3}{4}$ in. more than Special Backset.
 Bolt Hub: Brass for $\frac{5}{16}$ in. Spindle.
 Strike: No Lip, Cast Brass or Bronze, Type No. 5.
 Bolts: Cast Bronze.
 Operation: By Turn Knob No. 554.
 Weight: Dozen, $17\frac{3}{8}$ lbs.

167
 Case: $2\frac{1}{4} \times 3\frac{3}{4} \times \frac{7}{8}$ in., Cast Iron, Japanned.
 Front: $4\frac{3}{8} \times 1\frac{1}{4}$ in., Cast Brass or Bronze.
 Hand: Reversible.
 Backset: Regular, $2\frac{3}{4}$ in., Special, $2\frac{5}{8}$ in.
 Width of Case 1 in. more than Backset.
 Bolt Hub: Brass for $\frac{5}{16}$ in. Spindle.
 Strike: No Lip, Cast Brass or Bronze, Type No. 5.
 Bolts: Cast Bronze.
 Operation: By Turn Knob No. 554.
 Weight: Dozen, 21 lbs.

Specify Number and Finish.

Finishes described on pages 16 to 18.

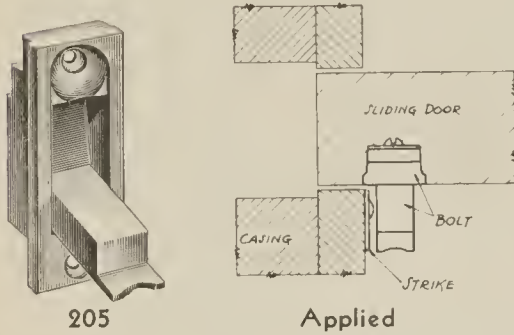
Half dozen in a box, with screws.

Turn knobs described on page 225.

Door Bolts

Jamb

Illustration One-half Size



205

Applied

Dutch Door

Illustrations One-quarter Size



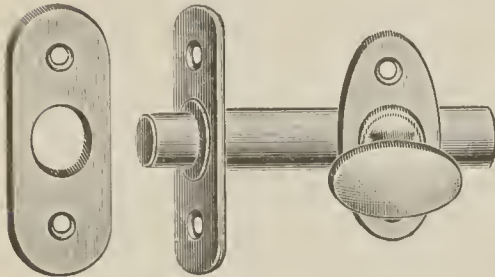
055, Right Hand



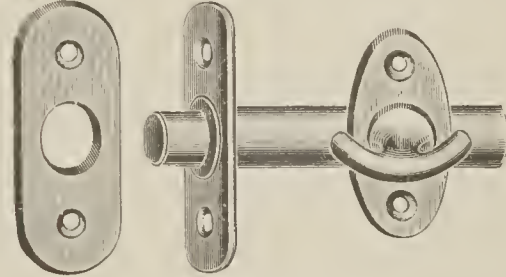
0189

Mortise

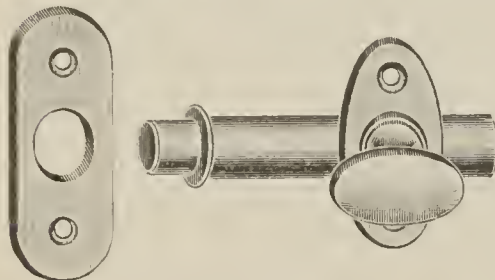
Illustrations One-half Size



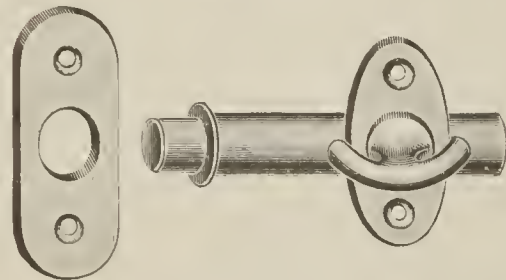
13, Type of 14



16, Type of 17



13½, Type of 14½



16½, Type of 17½

Dutch Door Bolts—Cast Brass or Bronze

Number	Size	Weight, Each
055	7 x 1¼ x ½ in. rabbet. Specify hand.	1¾ lbs.
0189	3¼ x 2¾ x 7/16 in., Front 5⅛ x 7/8 in. Backset, 1⅝ in.; Special Backset 2⅜ in.; 5/16 in. brass hub.	7/8 lb.

No. 055, two in a box; 0189, six in a box, with screws.

Jamb Door Bolts—Cast Brass or Bronze

Number	Size	Depth	Weight, Doz.
205	2¾ x ¾ in.	5/8 in.	3 lbs.

Mortise Door Bolts

Wrought Steel Case, Bolt Front and Strike, Outside Diameter of Case 9/16 inch
Cast Brass or Bronze Turn, Wrought Brass or Bronze Escutcheon

Number with Front and Strike	Front to Turn Piece	Weight, Dozen	Number Without Front	Front to Turn Piece	Weight, Dozen
13	1¾ in.	3½ lbs.	13½	1¾ in.	3¼ lbs.
14	7/8 in.	2⅞ lbs.	14½	7/8 in.	2½ lbs.
16	1¾ in.	3⅜ lbs.	16½	1¾ in.	3 lbs.
17	7/8 in.	2¾ lbs.	17½	7/8 in.	2½ lbs.

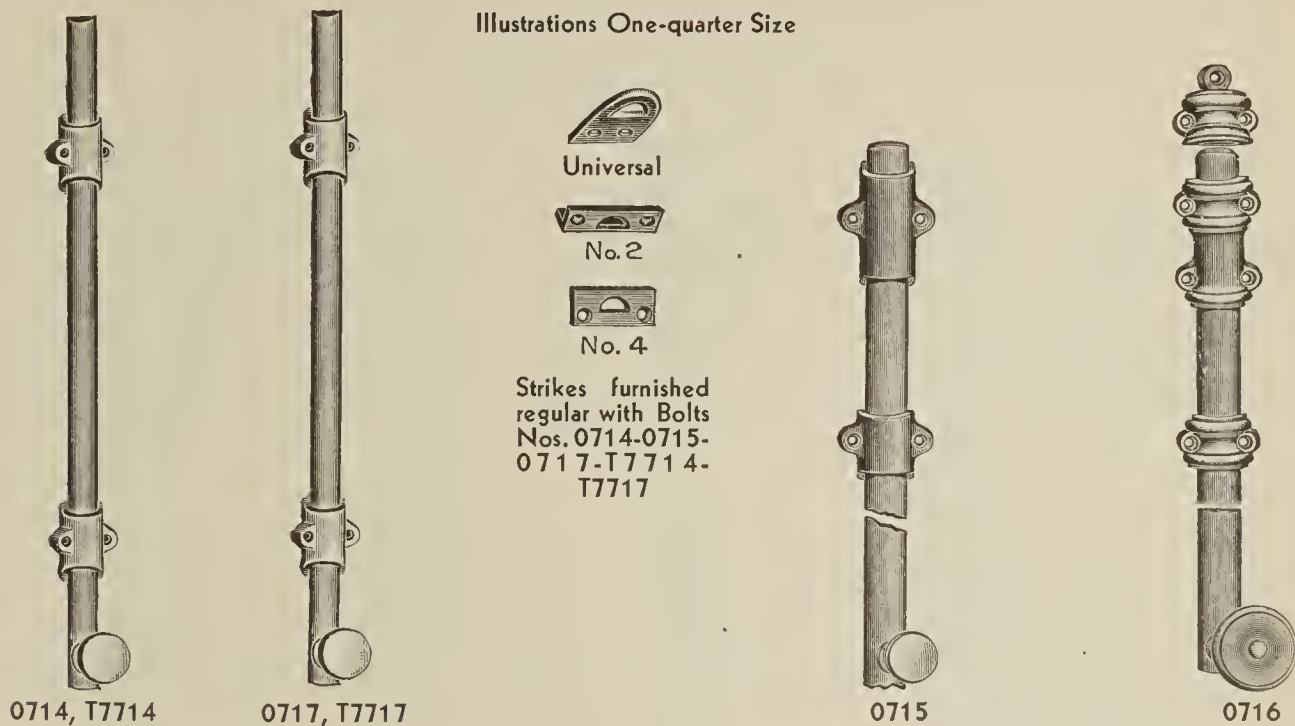
One dozen in a box, with screws.

Specify Number and Finish.

Finishes described on pages 16 to 18.

Surface Bolts

Illustrations One-quarter Size



Brass or Bronze

Number	Length	Rods, Half Oval	Width Plates	Knob, Guide and Strike	Weight, Dozen
0714	3 in.	3/8 in.	1 1/8 in.	Wrought Brass or Bronze	2 lbs.
0714	4 in.	3/8 in.	1 1/8 in.	Wrought Brass or Bronze	2 1/4 lbs.
0714	6 in.	3/8 in.	1 1/8 in.	Wrought Brass or Bronze	2 5/8 lbs.
0714	9 in.	3/8 in.	1 1/8 in.	Wrought Brass or Bronze	3 1/4 lbs.
0714	12 in.	3/8 in.	1 1/8 in.	Wrought Brass or Bronze	3 1/2 lbs.
0715	6 in.	5/8 in.	1 5/8 in.	Cast Brass or Bronze	5 3/4 lbs.
0715	8 in.	5/8 in.	1 5/8 in.	Cast Brass or Bronze	6 5/8 lbs.
0715	12 in.	5/8 in.	1 5/8 in.	Cast Brass or Bronze	8 1/2 lbs.
0715	18 in.	5/8 in.	1 5/8 in.	Cast Brass or Bronze	10 3/4 lbs.
0715	24 in.	5/8 in.	1 5/8 in.	Cast Brass or Bronze	14 1/4 lbs.
0715	30 in.	5/8 in.	1 5/8 in.	Cast Brass or Bronze	17 1/4 lbs.
0716	6 in.	5/8 in.	1 5/8 in.	Cast Brass or Bronze	9 lbs.
0716	8 in.	5/8 in.	1 5/8 in.	Cast Brass or Bronze	9 3/4 lbs.
0716	12 in.	5/8 in.	1 5/8 in.	Cast Brass or Bronze	11 1/4 lbs.
0716	18 in.	5/8 in.	1 5/8 in.	Cast Brass or Bronze	15 lbs.
0716	24 in.	5/8 in.	1 5/8 in.	Cast Brass or Bronze	18 3/4 lbs.
0716	30 in.	5/8 in.	1 5/8 in.	Cast Brass or Bronze	21 lbs.
0717	6 in.	1/2 in.	1 1/8 in.	Wrought Brass or Bronze	5 1/8 lbs.
0717	8 in.	1/2 in.	1 1/8 in.	Wrought Brass or Bronze	5 3/4 lbs.
0717	12 in.	1/2 in.	1 1/8 in.	Wrought Brass or Bronze	7 1/4 lbs.
0717	18 in.	1/2 in.	1 1/8 in.	Wrought Brass or Bronze	8 1/2 lbs.
0717	24 in.	1/2 in.	1 1/8 in.	Wrought Brass or Bronze	10 1/2 lbs.
0717	30 in.	1/2 in.	1 1/8 in.	Wrought Brass or Bronze	12 3/4 lbs.
T7714	3 in.	3/8 in.	1 1/8 in.	Wrought Steel	1 3/4 lbs.
T7714	4 in.	3/8 in.	1 1/8 in.	Wrought Steel	2 lbs.
T7714	6 in.	3/8 in.	1 1/8 in.	Wrought Steel	2 1/2 lbs.
T7714	9 in.	3/8 in.	1 1/8 in.	Wrought Steel	3 lbs.
T7714	12 in.	3/8 in.	1 1/8 in.	Wrought Steel	3 1/2 lbs.
T7717	6 in.	1/2 in.	1 1/8 in.	Wrought Steel	5 1/8 lbs.
T7717	8 in.	1/2 in.	1 1/8 in.	Wrought Steel	5 5/8 lbs.
T7717	12 in.	1/2 in.	1 1/8 in.	Wrought Steel	7 1/8 lbs.
T7717	18 in.	1/2 in.	1 1/8 in.	Wrought Steel	9 lbs.
T7717	24 in.	1/2 in.	1 1/8 in.	Wrought Steel	11 1/4 lbs.
T7717	30 in.	1/2 in.	1 1/8 in.	Wrought Steel	12 3/4 lbs.

Specify Number, Size and Finish.

Finishes described on pages 16 to 18.
For other strikes see page 384.

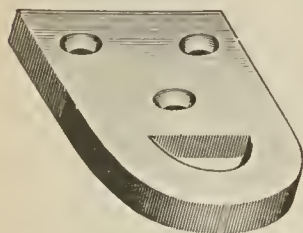
Half dozen in a box, with screws.

Strikes for Cremone and Surface Bolts

Brass or Bronze

Specify Number of Bolt and Finish

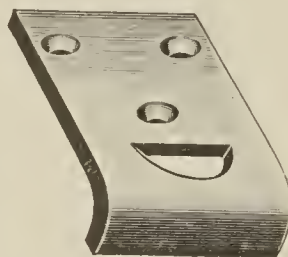
Flat Mortise



B
Type of Universal

No. For
B Cast $\frac{1}{2}$ - $\frac{5}{8}$ in. Cremone Bolt
Uni- Cast $\frac{1}{2}$ - $\frac{5}{8}$ in. Surface Bolt
versal B Wrought $\frac{1}{2}$ in. Cremone Bolt
Uni- Wrought $\frac{3}{8}$ - $\frac{1}{2}$ in. Surface Bolt
versal This type of Strike furnished regularly
with Surface Bolts.

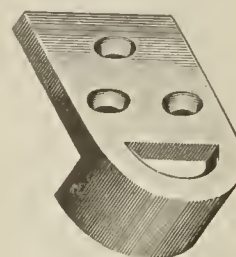
Half Mortise



C

No. For
C Cast 1 in. Cremone Bolt
C Wrought $\frac{1}{2}$ - $\frac{5}{8}$ in. Cremone Bolt
C Wrought $\frac{1}{2}$ - $\frac{5}{8}$ in. Surface Bolt

Half Mortise



D
Type of No. 3

No. For
D Cast $\frac{1}{2}$ - $\frac{5}{8}$ -1 in. Cremone Bolt
3 Cast $\frac{1}{2}$ - $\frac{5}{8}$ in. Surface Bolt

Angle Mortise



E
Type of No. 2

No. For
E Cast $\frac{1}{2}$ - $\frac{5}{8}$ -1 in. Cremone Bolt
2 Cast $\frac{1}{2}$ - $\frac{5}{8}$ in. Surface Bolt
2 Wrought $\frac{3}{8}$ in. Surface Bolt
This type of Strike furnished regularly
with Surface Bolts.

Flat Mortise



F
Type of No. 4

No. For
F Cast 1 in. Cremone Bolt
4 Wrought $\frac{1}{2}$ - $\frac{5}{8}$ in. Cremone Bol
4 Wrought $\frac{3}{8}$ - $\frac{1}{2}$ - $\frac{5}{8}$ in. Surface Bolt
This type of Strike furnished regularly
with Cremone and Surface Bolts.

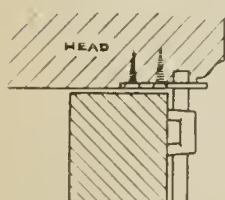
Rim or Box



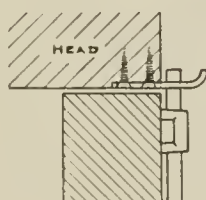
Number 1

No. For
1 Cast $\frac{1}{2}$ - $\frac{5}{8}$ -1 in. Cremone Bolt
1 Cast $\frac{1}{2}$ - $\frac{5}{8}$ in. Surface Bolt
This type of Strike furnished regularly
with Cremone Bolts.

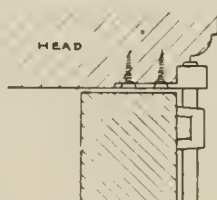
Application of Different Types of Strikes



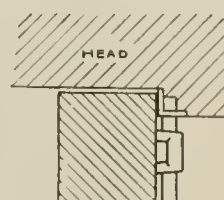
B



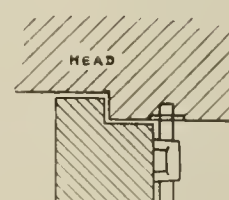
C



D



E'



F

WHEN ORDERING CREMONE BOLTS SPECIFY:

1. Hand of sash.
2. Height of sash.
3. If sash opens IN or OUT.
4. Width of stiles or astragal.
5. Distance from bottom of sash to proposed center of knob or lever.

Unless otherwise ordered, strikes as shown with the bolts will be furnished; see following pages. If special strikes are required, send full-size section of head, sill and meeting stiles.

The hand of Cremone Bolts should be taken from inside.

Specify whether sash is hung on right or left-hand side and if opening in or out.

When used on French doors, between rooms, specify hand taken from the side on which bolt is to be applied.

Cremone Bolts

For Doors or Windows Opening In or Out
Operated from Inside Only



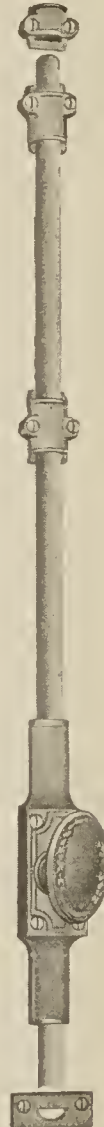
740



0740

0740 ¹/₄
Specify Hand

748



757

The illustrations show the bolts in a locked position as applied to doors or windows opening in or out, when the conditions permit the use of strikes shown. The bolts securely fasten the doors or windows at both top and bottom. A half turn of the knob or lever releases and withdraws both the top and bottom bolts.

Cremone Bolts are regularly furnished for 8½-foot doors with two end guides and two center guides. Longer rods can be furnished when specified.

Number	Rods Half Oval	Rod Material	Plates Width	Lever Length	Handle, Case, Guides and Strikes	Weight, Each
740	5/8 in.	Solid Brass or Bronze	1 5/8 in.	—	Cast Brass or Bronze	5 3/4 lbs.
0740	5/8 in.	Solid Brass or Bronze	1 5/8 in.	—	Cast Brass or Bronze	5 1/2 lbs.
0740 ¹ / ₄	5/8 in.	Solid Brass or Bronze	1 5/8 in.	2 7/8 in.	Cast Brass or Bronze	5 5/8 lbs.
748	5/8 in.	Solid Brass or Bronze	2 in.	—	Cast Brass or Bronze	7 1/4 lbs.
757	1/2 in.	Solid Brass or Bronze	1 1/8 in.	—	Cast Brass or Bronze	4 lbs.

How to order, see page 384.

For other strikes, see page 384.

Specify Finish. Finishes described on pages 16 to 18. One in a box, with screws. Rods, one set in a package.

Cremone Bolts

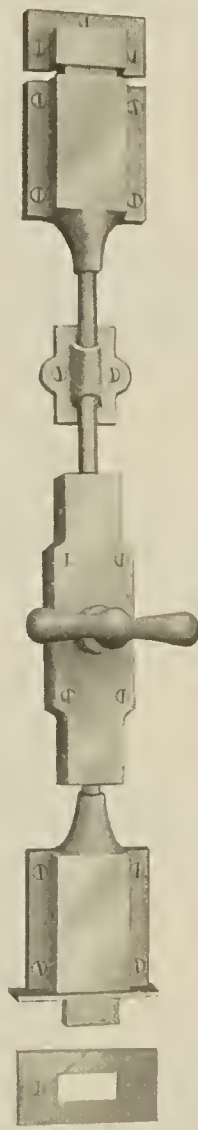
For Doors or Windows Opening In or Out
Operated From Inside Only



0749, with Knob
0749 1/4, with Lever
Specify Hand



0739 1/4, Specify Hand
0739, 07739, T07739
with Knob



0738, 7738



0737 1/4,
Specify Hand



0737

The illustrations show the bolts in a locked position as applied to doors or windows opening in or out, when the conditions permit the use of strikes shown. The bolts securely fasten the doors or windows at both top and bottom. A half turn of the knob or lever releases and withdraws both the top and bottom bolts.

Cremone Bolts are regularly furnished for 8 1/2-foot doors with two end guides and two center guides. Longer rods can be furnished when specified.

Number	*Rods	Rod Material	Plates Width	Lever Length	Handle, Case, Guides and Strikes	Weight, Each
0737	1/2 in.	Solid Brass or Bronze	1 3/8 in.		Cast Brass or Bronze	3 3/4 lbs.
0737 1/4	1/2 in.	Solid Brass or Bronze	1 3/8 in.	2 1/8 in.	Cast Brass or Bronze	3 3/4 lbs.
0738	3/8 in.	Solid Brass or Bronze	2 1/2 in.		Cast Brass or Bronze	8 lbs.
7738	3/8 in.	Steel	2 1/2 in.		Cast Iron	7 1/2 lbs.
0739	5/8 in.	Solid Brass or Bronze	1 5/8 in.		Cast Brass or Bronze	5 lbs.
0739 1/4	5/8 in.	Solid Brass or Bronze	1 5/8 in.	2 1/2 in.	Cast Brass or Bronze	5 lbs.
07739	5/8 in.	Steel	1 5/8 in.		Cast Iron	3 1/2 lbs.
T07739	5/8 in.	Steel	1 5/8 in.		Cast Iron	3 1/2 lbs.
0749	1 in.	Solid Brass or Bronze	1 7/8 in.		Cast Brass or Bronze	10 1/2 lbs.
0749 1/4	1 in.	Solid Brass or Bronze	1 7/8 in.	3 5/8 in.	Cast Brass or Bronze	10 1/2 lbs.

*Nos. 0738-7738 furnished with Round Rod, all others with Half Oval Rod.

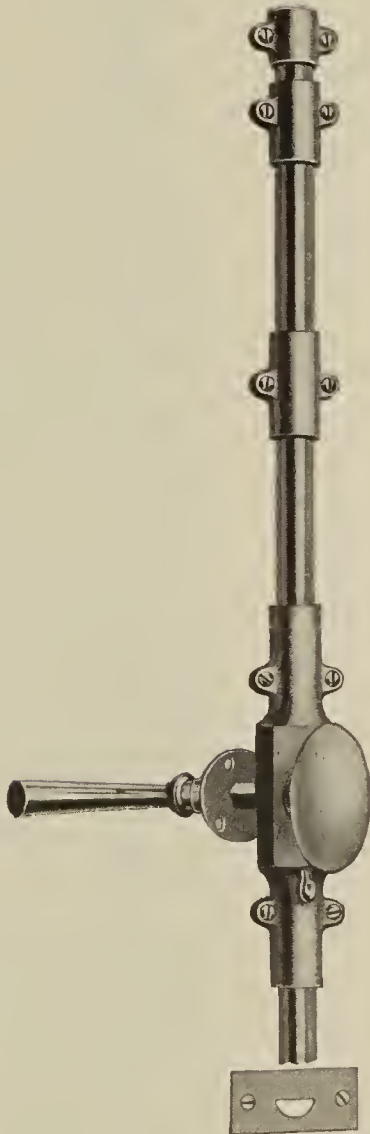
How to order, see page 384. For other strikes, see page 384.

Specify Finish. Finishes described on pages 16 to 18.

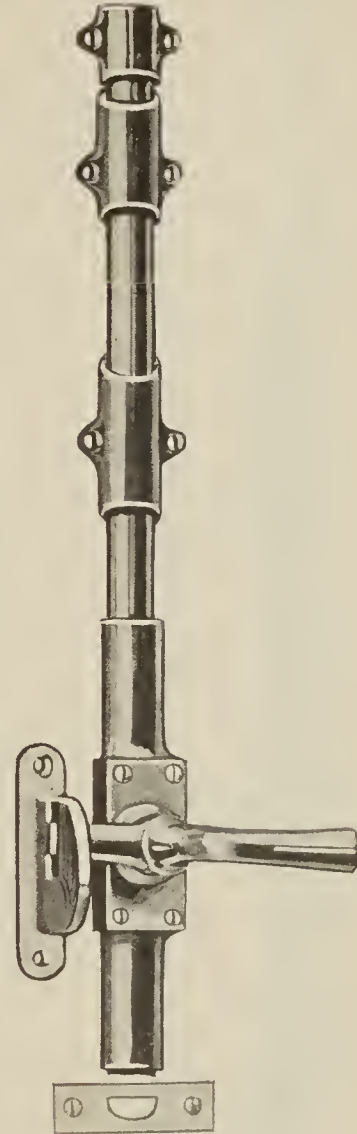
One in a box, with screws. Rods, one set in a package.

Cremone Bolts

For Doors or Windows Opening In or Out



0769, Left Hand
With Knob inside and Lever
outside



0789 1/4, Right Hand
With Surface Center Strike
Operated from inside only

The illustrations show the bolts in a locked position as applied to doors or windows opening in or out, when the conditions permit the use of strikes shown. The bolts securely fasten the doors or windows at both top and bottom. A quarter turn of the handle releases and withdraws both the top and bottom bolts.

No. 0769 operates from either side of the door. The stop deadlocks both knob and lever. When ordering, state whether knob is desired inside or outside, also hand and thickness of door.

No. 0789 1/4 has handle which locks in the center. If a strike other than that shown is required, a full size sketch of the door or window should accompany the order.

Cremone Bolts are regularly furnished for 8 1/2 foot doors with two end guides and two center guides. Longer rods can be furnished when specified.

Number	Rods Half Oval	Rod Material	Plates Width	Handle, Case, Guides and Strikes	Weight, Each
0769	5/8 in.	Solid Brass or Bronze	1 5/8 in.	Cast Brass or Bronze	5 3/4 lbs.
0789 1/4	5/8 in.	Solid Brass or Bronze	1 5/8 in.	Cast Brass or Bronze	5 5/8 lbs.

How to order, see page 384.

Specify Finish.

For other strikes, see page 384.

Finishes described on pages 16 to 18.

One in a box, with screws. Rods, one set in a package.

Cremone Bolts

For Doors or Windows Opening In or Out

Operated from Inside Only

With T Handles

Number	Case, Guides and Strikes	Handle
40	Iron, Unfinished	Iron, Unfinished
41	Iron, Unfinished	Iron, Bronze Plated
42	Iron, Unfinished	Iron, Antique Copper
43	Iron, Unfinished	Iron, Nickel Plated
44	Iron, Bronze Plated	Iron, Bronze Plated
45	Iron, Antique Copper	Iron, Antique Copper
46	Iron, Nickel Plated	Iron, Nickel Plated
47	Iron, Brass Plated	Iron, Brass Plated, Dull Finish
50	Iron, Unfinished	Brass, Friction Polished
51	Iron, Unfinished	Bronze, Polished
52	Iron, Unfinished	Brass, Antique Copper
53	Iron, Unfinished	Brass, Nickel Plated
54	Iron, Unfinished	Brass, Polished
55	Iron, Bronze Plated	Bronze, Polished
56	Iron, Antique Copper	Brass, Antique Copper
57	Iron, Nickel Plated	Brass, Nickel Plated
58	Iron, Brass Plated	Brass, Polished, Dull Finish

With Drop Ring Handle

70	Iron, Unfinished	Iron, Unfinished
71	Iron, Unfinished	Iron, Bronze Plated
72	Iron, Unfinished	Iron, Antique Copper
73	Iron, Unfinished	Iron, Nickel Plated
74	Iron, Bronze Plated	Iron, Bronze Plated
75	Iron, Antique Copper	Iron, Antique Copper
76	Iron, Nickel Plated	Iron, Nickel Plated
77	Iron, Brass Plated	Iron, Brass Plated, Dull Finish
80	Iron, Unfinished	Brass, Friction Polished
81	Iron, Unfinished	Bronze, Polished
82	Iron, Unfinished	Brass, Antique Copper
83	Iron, Unfinished	Brass, Nickel Plated
84	Iron, Unfinished	Brass, Polished
85	Iron, Bronze Plated	Bronze, Polished
86	Iron, Antique Copper	Brass, Antique Copper
87	Iron, Nickel Plated	Brass, Nickel Plated
88	Iron, Brass Plated	Brass, Polished, Dull Finish



$\frac{5}{8}$ Inch Half Oval Steel Rods. Rods unfinished. Not machined. With hole drilled in each end. Width of Plates, $1\frac{1}{2}$ inches.

The illustrations show the bolts in a locked position as applied to doors or windows opening in or out, when the conditions permit the use of strikes shown. The bolts securely fasten the doors or windows at both top and bottom. A half turn of the "T" or Ring Handle releases and withdraws both the top and bottom bolts.

These Bolts are regularly furnished with $10\frac{1}{2}$ -foot Rods with two end guides and two center guides.

Bolts with unfinished cases packed without screws; other numbers with screws.

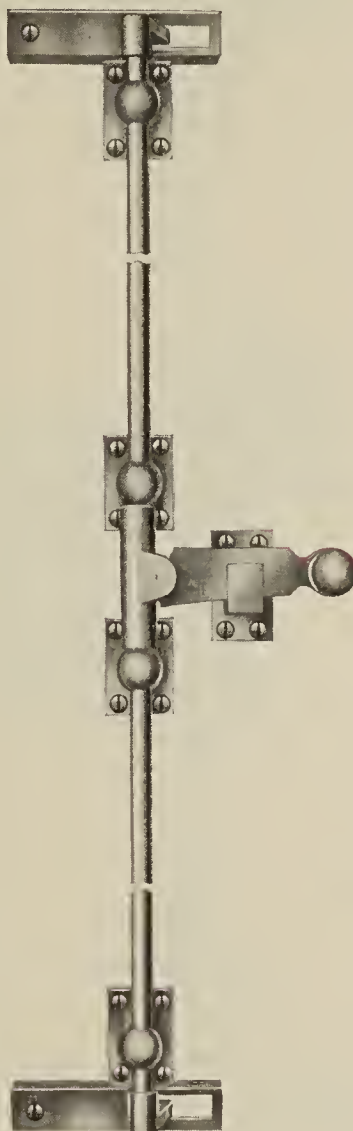
Six in a box, without rods, weight 6 lbs.

Rods packed separate and wired in bundles of twelve, weight 30 lbs.

Espagnolette Bolts



066
Right Hand Opening Out



067 ³/₄
Left Hand Opening In



2062
For Doors or Windows
Opening Out Only

The hooks securely fasten the doors or windows and draw them close to the rabbet at both top and bottom. A quarter turn at the handle releases the locking mechanism. The illustrations show the bolts in a locked position. No. 066 is furnished with wood screws for applying. No. 2062 is fastened from the back by bolts and nuts.

Espagnolette Bolts are regularly furnished for 8½-foot doors with two end guides and two center guides. Longer rods can be furnished when specified.

Number	Rod Diameter	Rods	Plates Width	Handles, Case, Guides and Strikes	Weight, Each
066	$\frac{3}{8}$ in.	Solid Brass or Bronze	1 $\frac{1}{8}$ in.	Cast Brass or Bronze	5 lbs.
067 ³ / ₄	$\frac{3}{8}$ in.	Solid Brass or Bronze	1 $\frac{1}{8}$ in.	Cast Brass or Bronze	5 $\frac{1}{8}$ lbs.
2062	$\frac{1}{2}$ in.	Solid Steel, Japanned	1 in.	Cast Iron, Japanned	7 $\frac{1}{4}$ lbs.

When ordering, specify hand, whether door or window opens in or out, exact height of door or window and the distance from the bottom thereof to the center of the handles. Owing to the various conditions that may exist, full size sectional details of the meeting rails, head and sill should be furnished.

Specify Finish.

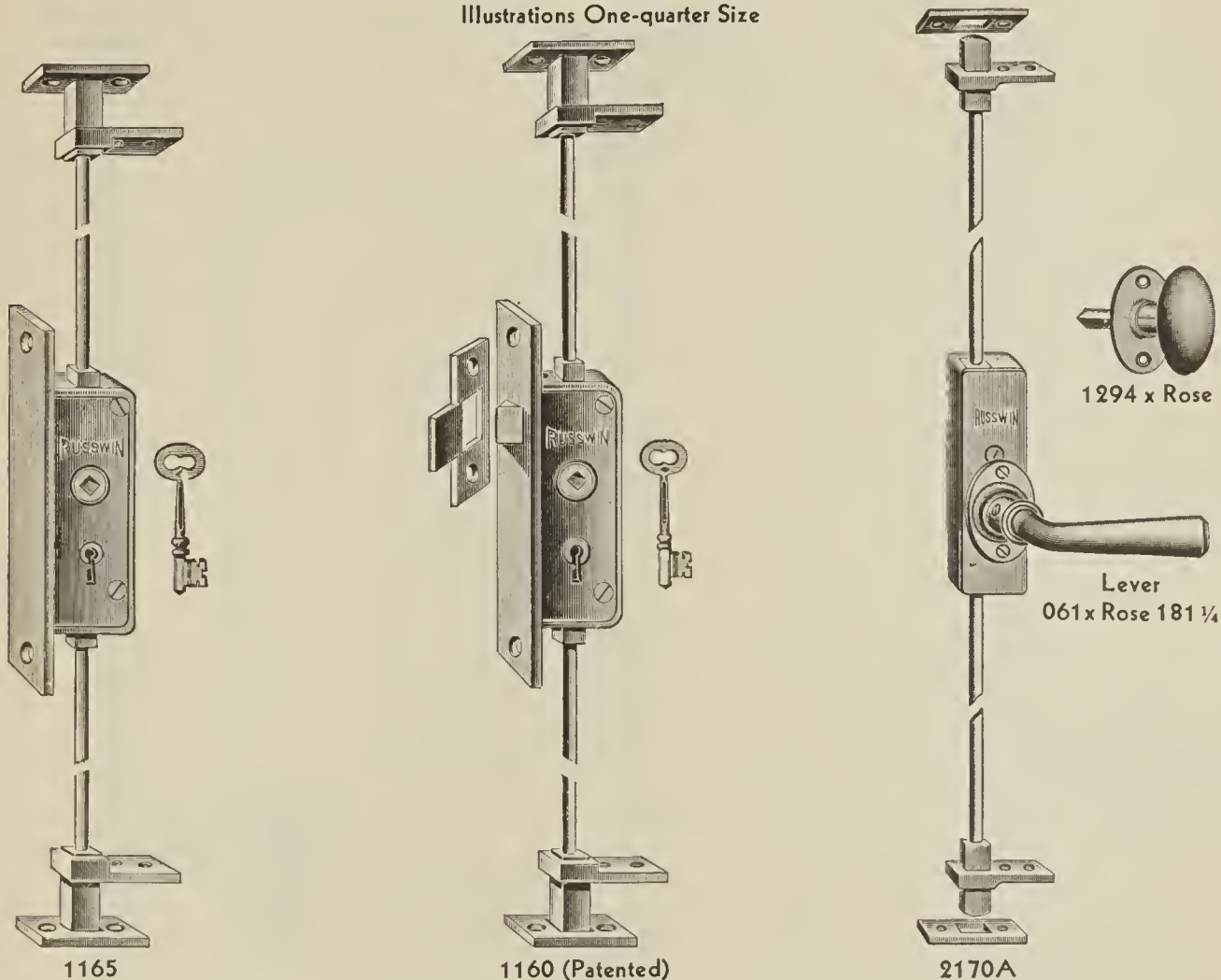
Finishes described on pages 16 to 18.

One in a package, with bolts or screws.

Mortise Extension Bolt

For Doors or Windows Opening In or Out

Illustrations One-quarter Size



The illustrations show the bolts in a locked position. The bolts securely fasten the door or window at both top and bottom. A quarter turn of the handle releases and withdraws both the top and bottom bolt. An additional turn of the handle used with No. 1160 withdraws the latch bolt. When the bolts are withdrawn the latch bolt may be operated by the handle.

Nos. 1160 and 1165 can be locked with key either when the bolts are projected or retracted. Furnished with one nickel-plated solid steel key.

These bolts have $\frac{1}{4}$ in. steel rods with cast brass heads $\frac{1}{2} \times \frac{1}{2}$ in. Cast Brass or Bronze Guides and Strikes.

1160

Case: $4\frac{3}{4} \times 1\frac{7}{8} \times \frac{3}{4}$ in., Cast Iron, Japanned.
Front: $7 \times 1\frac{1}{8}$ in., Cast Brass or Bronze.
Backset: Regular $\frac{7}{8}$ in. Special $1\frac{1}{8}$, $1\frac{5}{8}$, $2\frac{3}{8}$ in.
Spacing: $1\frac{3}{8}$ in., Knob Hub, Brass for $\frac{5}{16}$ in. Spindle.
Strike: $1\frac{1}{8}$ in. lip to center. Cast Brass or Bronze,
Type No. 4. Special Strikes, page 340.

Latch Bolt: Cast Brass.

Tumblers: 3 steel, 48 changes.

Keys: 1 Steel, Class 871, page 349.

Weight: $3\frac{1}{4}$ lbs.

1165

Case: $4\frac{3}{4} \times 1\frac{7}{8} \times \frac{3}{4}$ in., Cast Iron, Japanned.

Front: $7 \times 1\frac{1}{8}$ in., Cast Brass or Bronze.

Hand: Reversible.

Backset: Regular $\frac{7}{8}$ in. Special $1\frac{1}{8}$, $1\frac{5}{8}$, $2\frac{3}{8}$ in.

Spacing: $1\frac{3}{8}$ in. Knob Hub: Brass for $\frac{5}{16}$ in. Spindle.

Tumblers: 3 steel, 48 changes.

Keys: 1 Steel, Class No. 871, page 349.

Weight: 3 lbs.

Nos. 1160 and 1165 can be furnished with Rabbeted Front. Specify hand.

Number	Description	Iron Case	Steel Rod	Weight, Each
2170	Without Trim	$4\frac{1}{4} \times 1\frac{1}{4} \times \frac{5}{8}$ in.	$\frac{1}{4}$ in.	$2\frac{1}{2}$ lbs.
2170A	With Lever No. 061 x Rose No. 181 $\frac{1}{4}$	$4\frac{1}{4} \times 1\frac{1}{4} \times \frac{5}{8}$ in.	$\frac{1}{4}$ in.	$2\frac{7}{8}$ lbs.
2170B	With Knob No. 1294 x Rose	$4\frac{1}{4} \times 1\frac{1}{4} \times \frac{5}{8}$ in.	$\frac{1}{4}$ in.	$2\frac{3}{4}$ lbs.

No. 2170 bolt, which is placed in a groove or mortise and covered with an astragal, is, when applied, entirely concealed. The Knob or Lever Rose is attached to the case of the bolt by machine screws and will not work loose.

When ordering, specify exact height of door or window and distance from bottom thereof to the center of hub.
One set in a box, with screws. Rods, one set in a package.

Specify Number and Finish.

Finishes described on pages 16 to 18.

Mortise Extension Bolts

For Doors or Windows Opening In or Out

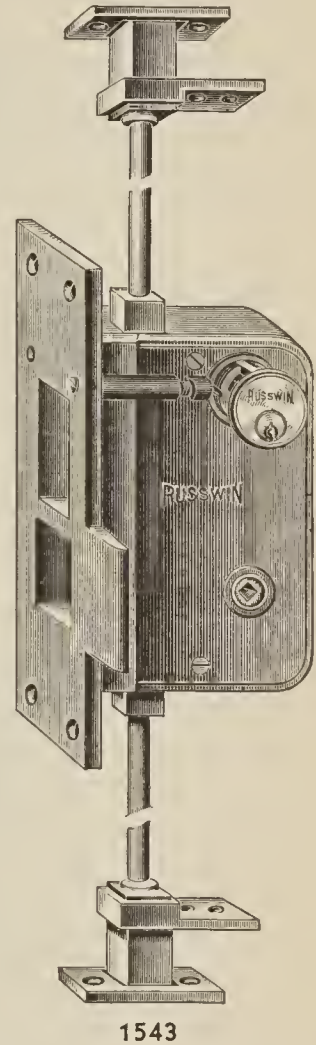
Illustrations One-quarter Size



1150 1/2



1548



1543

The illustrations show the bolts in a locked position. An eighth turn of the knob or handle releases and withdraws the bolts at both top and bottom.

No. 1150 1/2—If these bolts are to be placed above the lock or latch used on opposite door, order should so state so that the lock strike may be fitted with four screw holes for straddling the bolt rods.

No. 1548—The spring stop in the face of the bolt automatically locks the bolts. Pressure of the finger upon this stop allows the handles to turn from either side of the door and withdraw the bolts at top and bottom.

The front of this bolt acts as strike for the lock which is used in connection with it. Furnished to order with rabbeted front. Suitable for use with any 5 or 5 1/2 in. Cylinder Knob Lock. When ordering, specify lock and also knobs or handles and escutcheons with which the bolt is to be used. This bolt permits the use of knobs or handles and escutcheons to match the trim used on the opposite door.

No. 1543—The cylinder on the inside deadlocks the bolts either when thrown or retracted.

The front of this bolt acts as strike for the lock which is used in connection with it. Furnished to order with rabbeted front. Suitable for use with No. 1243 line of locks. When ordering, specify lock and also knobs or handles and escutcheons with which the bolt is to be used. This bolt permits the use of knobs or handles and escutcheons to match the trim used on the opposite door.

1150 1/2

Case: 5 1/2 x 4 3/4 x 3/4 in. Cast Iron, Japanned.
Front: 7 3/4 x 1 3/8 in. Flat, Cast Brass or Bronze.
Backset: Regular: 2 7/8 in. Special: None.
Knob Hub: Brass for 5/16 in. Spindle.
Weight: 5 lbs. each.

1548

Case: 5 1/2 x 3 7/8 x 3/4 in. Cast Iron, Japanned.
Front: 7 3/4 x 1 1/4 in. Flat, Cast Brass or Bronze, Lip to Center, 1 1/2 in.
Hand: Not reversible. Specify hand.
Backset: Regular: 2 3/4 in. Special: 1 1/2, 2 1/4, 3 1/2 and 4 in. Width of Case is 1 1/8 in. more than Backset. On 1 1/2 in. Backset, Case 6 1/8 x 2 5/8 x 3/4 in., Front 8 5/8 x 1 3/8 in.
Knob Hub: Brass for 5/16 in. Spindle.
Weight: 5 lbs. each.

1543

Case: 6 1/4 x 4 1/4 x 1 1/8 in. Cast Iron, Japanned.
Front: 8 3/4 x 1 3/4 in. Flat, Cast Brass or Bronze, Lip to Center, 2 in.
Hand: Not Reversible, Specify Hand.
Backset: Regular: 3 in. Special: None.
Spacing: 3 5/8 in. Knob Hub: Brass for 5/16 in. Spindle.
Cylinder: 1 No. 1, 6 Pins. Can be Master-keyed with Russwin Cylinder Locks, see page 355.
Keys: 3 Liberty Silver Class 852, Page 349.
Weight: 8 lbs. each.

For Dust Proof Strikes, see page 380.

Specify Number, Finish, exact height of door and distance from bottom thereof to the center of the hub.
One set in a box, with screws.

Finishes described on pages 16 to 18.

Rods, one set in a package.

Extension Bolts

For Doors or Windows Opening In or Out



0726



0728
Right Hand

The illustrations show the bolts as applied to doors or windows opening in or out.

The bolts securely fasten the doors or windows at both top and bottom. A quarter turn of the handle releases and withdraws both the top and bottom bolts.

No. 0728 is controlled by a Russwin Cylinder. Key class No. 852. Can be Master-keyed with Russwin Cylinder Locks, see page 355.

When ordering, specify exact height of doors or windows and distance from bottom thereof to the center of the handle. Also state hand on No. 0728.

Double Bolts for Top and Bottom

Number	Rods	Plates	Handle, Case, Guides and Strikes	Weight, Each
0726	$\frac{5}{16}$ in. Round. Solid Brass or Bronze	$1\frac{5}{8}$ in.	Cast Brass or Bronze	$4\frac{1}{4}$ lbs.
0728	$\frac{3}{8}$ in. Round. Steel	2 in.	Cast Brass or Bronze	$7\frac{7}{8}$ lbs.

Specify Number and Finish. Finishes described on pages 16 to 18. One set in a box, with screws. Rods, one set in a package.

F I R E E X I T B O L T S

for

SINGLE AND DOUBLE DOORS

RUSSWIN Fire Exit Bolts are designed for use on exterior and interior doors in auditoriums, dormitories, halls, schools, theaters or any building where a SAFE and SURE EXIT is desired at any time • • • They are automatic in action, THE SLIGHTEST PRESSURE on the bar AUTOMATICALLY and INSTANTLY releases the lock and the bolts, AT ALL TIMES.

OUTSTANDING FEATURES AND ADVANTAGES

RUSSWIN Fire Exit Bolts have a rotary action, an exclusive RUSSWIN feature, permitting the positive operation of the locking device when the door is subject to a SLIGHT or UNUSUAL PRESSURE. This feature ASSURES IMMEDIATE OPENING of the door under the worst panic conditions.

RUSSWIN Fire Exit Bolts are self latching, and, after door is closed, automatically locks it. No particular care or inspection is required to be certain that the doors are properly locked after being used.

RUSSWIN Fire Exit Bolts are made with a locking device to hold the latches, bolts and horizontal bar in a retracted position when not in use. This feature is particularly adapted for use on school buildings where there is a possibility of the Bolts being tampered with by the children.

The fact that RUSSWIN Fire Exit Bolts are automatic and are held in a retracted position, until door is closed, makes it possible to use standard strikes on all types. THIS FEATURE ELIMINATES THE NECESSITY OF DETAILING SILLS AND HEAD JAMBS.

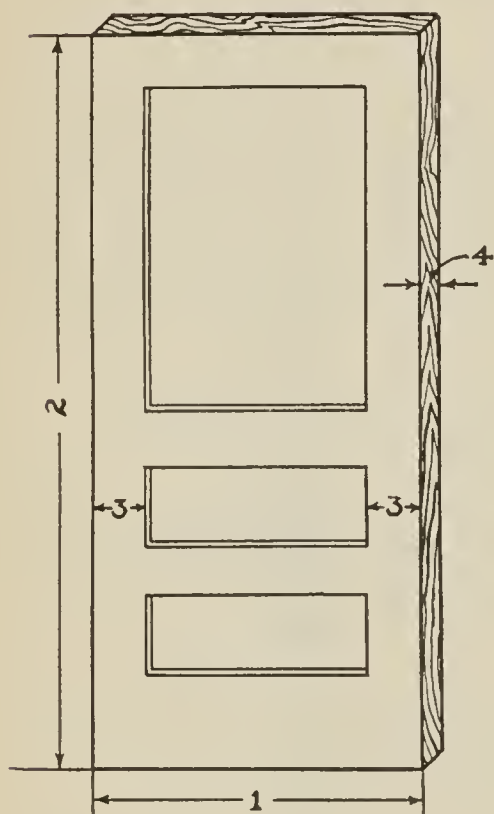
Bolts that are described for use on entrance doors can be equipped with either handles or knobs to match RUSSWIN design selected.

RUSSWIN Bolts comply with all state and city ordinances.

FIRE EXIT BOLTS

INSTRUCTIONS FOR ORDERING

How to Measure Doors for Russwin Fire Exit Bolts

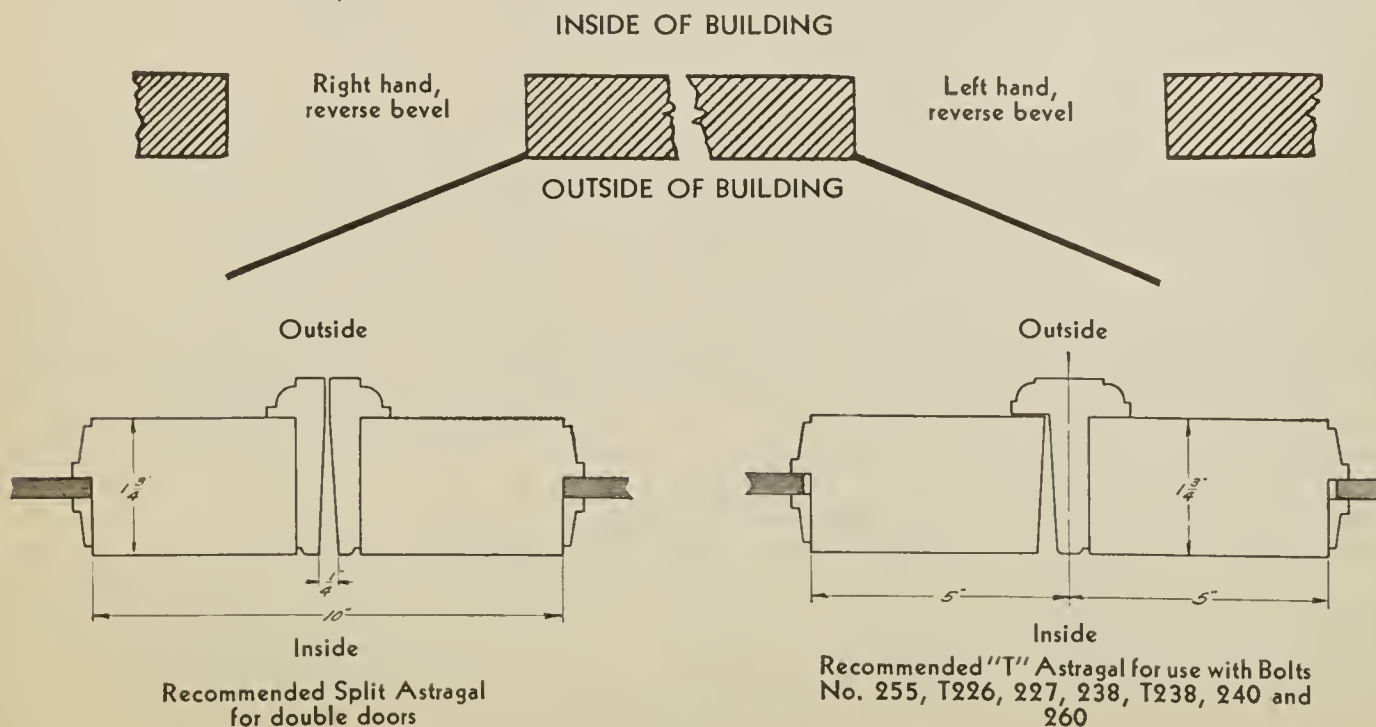


Take Measurement from Inside of Door

- (1) Width (each individual door) allowing for stop.
- (2) Height of door between threshold and stop.
- (3) Width of stile.
- (4) Thickness.
- (5) Give detail of astragal.
- (6) Specify if for right hand reverse bevel or left hand reverse bevel door—taken from outside.
- (7) If pairs of doors are used specify hand of door on which the lock is applied.
- (8) Distance from floor to center of crossbar should be 38 inches.
- (9) When sill is not flat show section through it with relation to door.

Handing of Doors

Always take handings from outside

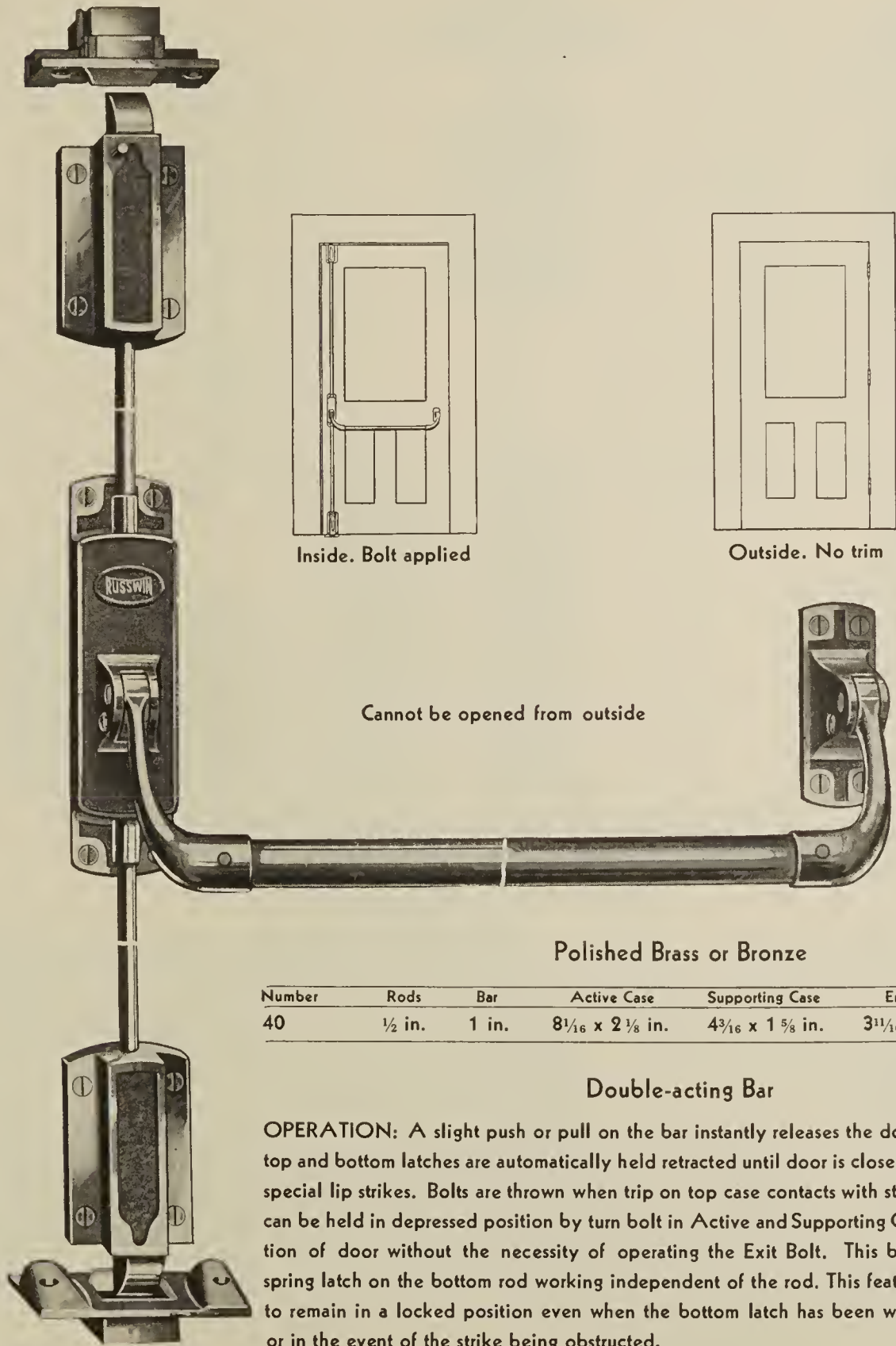


Fire Exit Bolts

Patented

For Single Exit Doors or Standing Leaf of Double Doors

Top and Bottom Latching



Polished Brass or Bronze

Number	Rods	Bar	Active Case	Supporting Case	End Cases	Weight
40	1/2 in.	1 in.	8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.	3 11/16 x 2 1/2 in.	17 1/2 lbs.

Double-acting Bar

OPERATION: A slight push or pull on the bar instantly releases the door from the inside. The top and bottom latches are automatically held retracted until door is closed, eliminating the use of special lip strikes. Bolts are thrown when trip on top case contacts with strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of door without the necessity of operating the Exit Bolt. This bolt has a compensating spring latch on the bottom rod working independent of the rod. This feature allows the top latch to remain in a locked position even when the bottom latch has been worked out of the strike, or in the event of the strike being obstructed.

Not reversible.
Specify Number and Finish.

Specify hand of door.
Finishes described on pages 16 to 18.

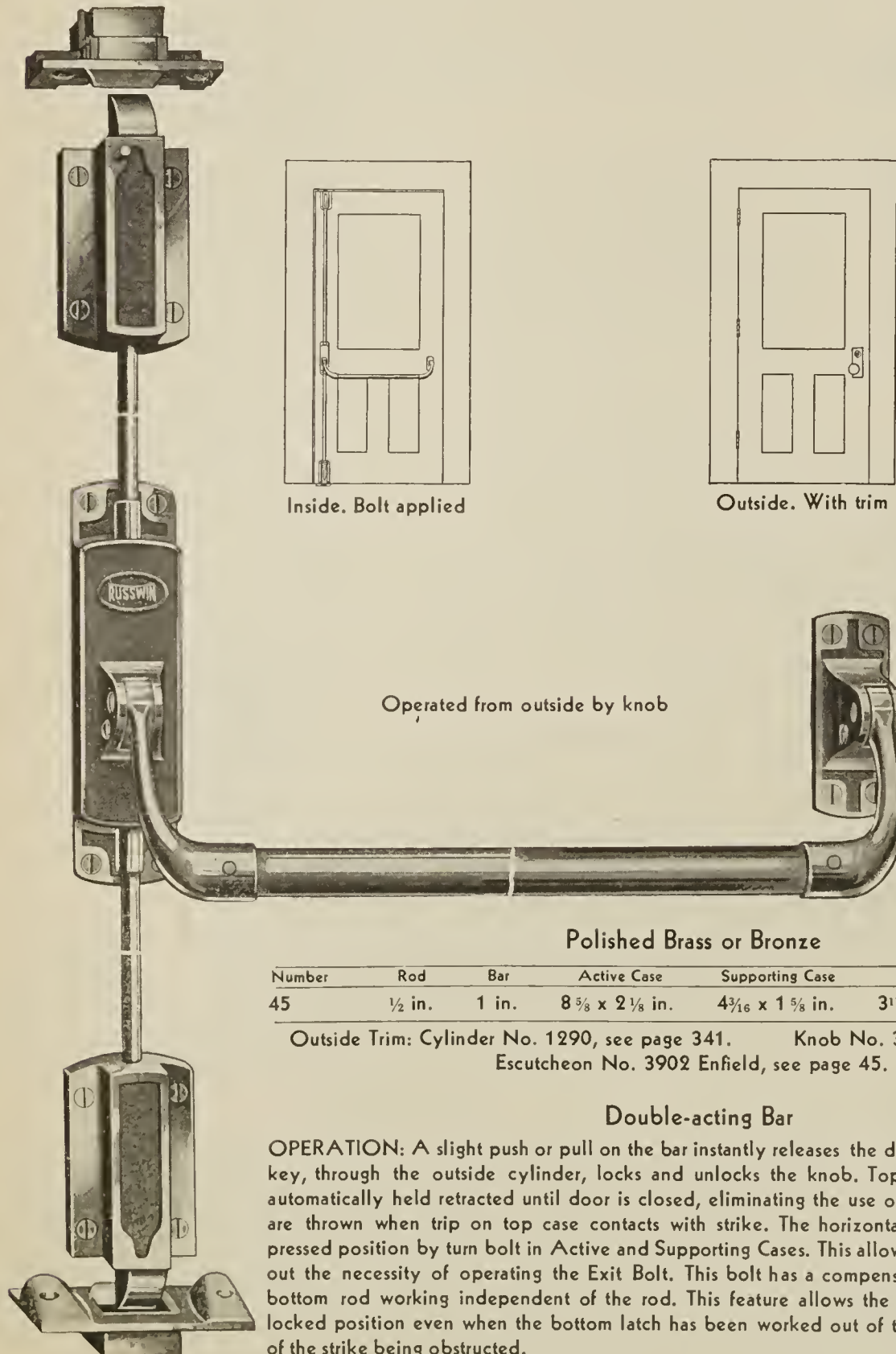
Instructions for ordering, see page 394.
Packed complete with screws.

Rim Fire Exit Bolts

Patented

For Single Doors with Narrow Stiles

Top and Bottom Latching. With Russwin Ball-Bearing Cylinder



Polished Brass or Bronze

Number	Rod	Bar	Active Case	Supporting Case	End Cases	Weight
45	1/2 in.	1 in.	8 5/8 x 2 1/8 in.	4 3/16 x 1 5/8 in.	3 11/16 x 2 1/2 in.	13 1/2 lbs.

Outside Trim: Cylinder No. 1290, see page 341.

Knob No. 3376 3/4, see page 220.

Escutcheon No. 3902 Enfield, see page 45.

Double-acting Bar

OPERATION: A slight push or pull on the bar instantly releases the door from the inside. The key, through the outside cylinder, locks and unlocks the knob. Top and bottom latches are automatically held retracted until door is closed, eliminating the use of special lip strikes. Bolts are thrown when trip on top case contacts with strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of door without the necessity of operating the Exit Bolt. This bolt has a compensating spring latch on the bottom rod working independent of the rod. This feature allows the top latch to remain in a locked position even when the bottom latch has been worked out of the strike, or in the event of the strike being obstructed.

Can be master-keyed, grand master-keyed in sets, or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

Specify Number and Finish.

Finishes described on pages 16 to 18.

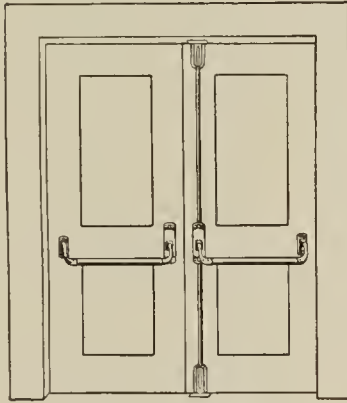
Packed complete with screws.

Fire Exit Bolts

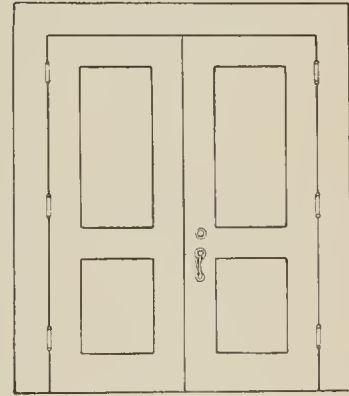
Patented

For Double Doors

Active Door Center Latching. Standing Door Top and Bottom Latching

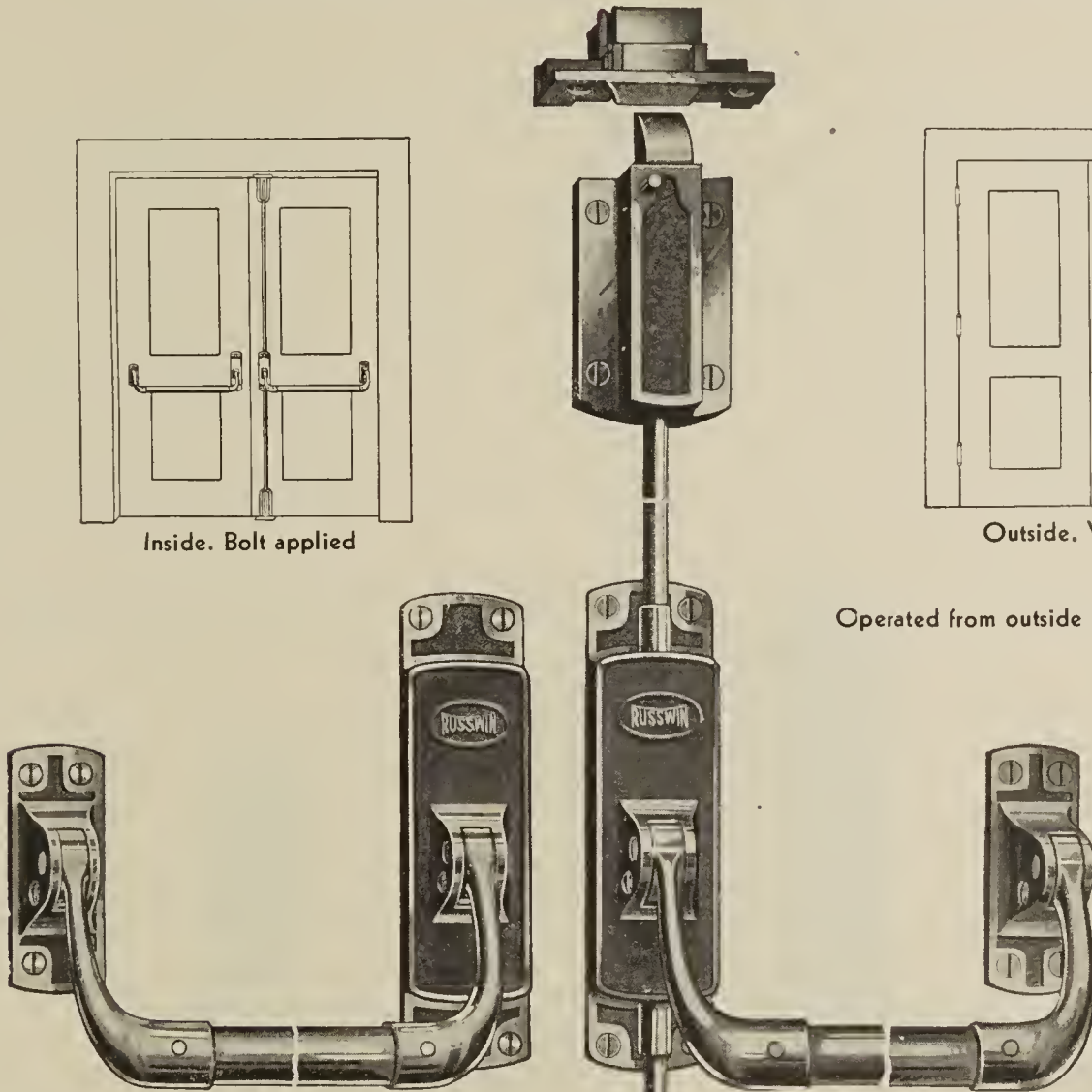


Inside. Bolt applied



Outside. With trim

Operated from outside by thumb piece



Polished Brass

or Bronze

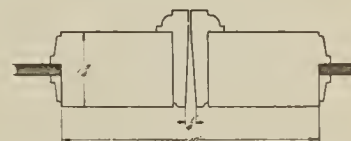
Number	Rods	Bar	Active Cases	Supporting Cases
40" x 66	1/2 in.	1 in.	8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.

End Cases	Lock	Outside Trim	Weight
3 11/16 x 2 1/2 in.	9452	420 Saybrook Handle	27 lbs.

Double-acting Bars

OPERATION: A slight push or pull on either bar instantly releases the doors from the inside. The key, through the outside cylinder on No. 66 Bolt, locks and unlocks the thumb piece on the outside. Latch bolt on No. 66 can be held retracted by the key. The top and bottom latches on No. 40 bolt are automatically held retracted until door is closed. The horizontal bars can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of door without the necessity of operating the Exit Bolt.

For complete description of Bolt, No. 40, see page 395. Bolt, No. 66, see page 406. Lock, No. 9452, see page 304. Sectional Handle No. 420 Saybrook, see page 196



Recommended Split Astragal for Double Doors

Lock No. 9452, when applied to doors in pairs, is furnished with open back strike which permits the standing leaf of the door to open independently of the door to which the lock is applied, see page 340. Lock can be master-keyed and grand master-keyed in sets, or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

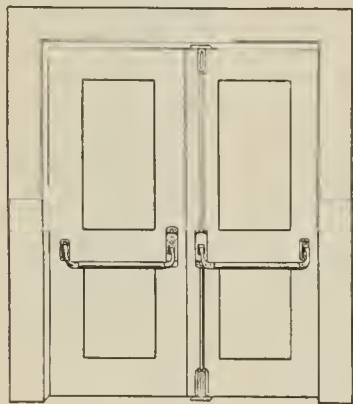
Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

Fire Exit Bolts

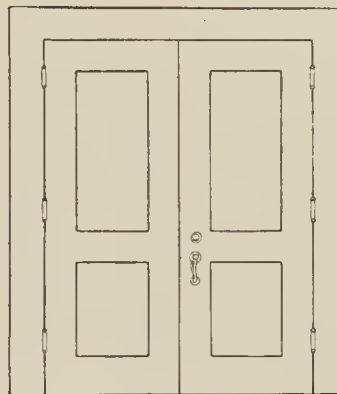
Patented

For Double Doors

Active Door Center Latching. Standing Door Top and Bottom Latching

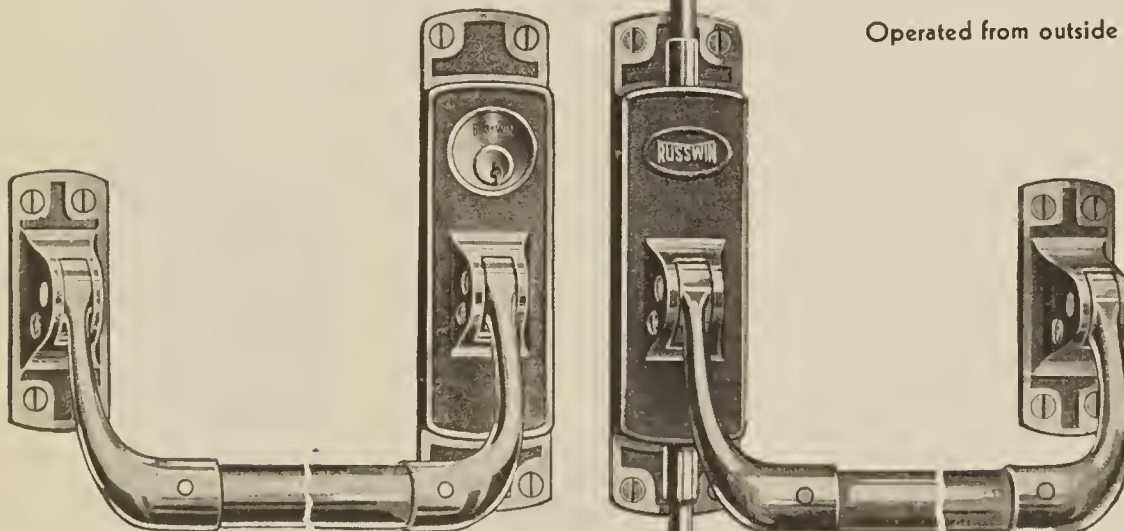


Inside. Bolt applied



Outside. With trim

Operated from outside by thumb piece



Polished Brass

or Bronze

Number	Rods	Bar	Active Cases	Supporting Cases
40 x 66 1/2	1/2 in.	1 in.	1 8/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.

End Cases	Lock	Outside Trim	Weight
3 11/16 x 2 1/2 in.	9452 1/2	420 Saybrook Handle	27 1/4 lbs.

Double-acting Bars

OPERATION: A slight push or pull on either bar instantly releases the doors from the inside. The key, through the inside cylinder on No. 66 1/2 Bolt, locks and unlocks thumb piece on the outside. Latch bolt, on No. 66 1/2 bolt, can be held retracted by key through inside cylinder. The top and bottom latches on No. 40 bolt are automatically held retracted until door is closed. The horizontal bars can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of doors without the necessity of operating the Exit Bolts.

For complete description of Bolt, No. 40, see page 395. Bolt, No. 66 1/2, see page 407. Lock, No. 9452 1/2, see page 304. Sectional Handle No. 420 Saybrook, see page 196.



Recommended Split Astragal for Double Doors

Lock No. 9452 1/2, when applied to doors in pairs, is furnished with open back strike which permits the standing leaf of the door to open independently of the door to which lock is applied, see page 340. Lock can be master-keyed and grand master-keyed in sets or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

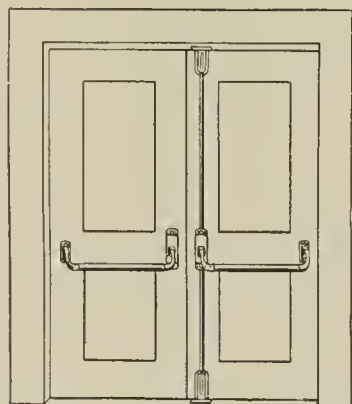
Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

Fire Exit Bolts

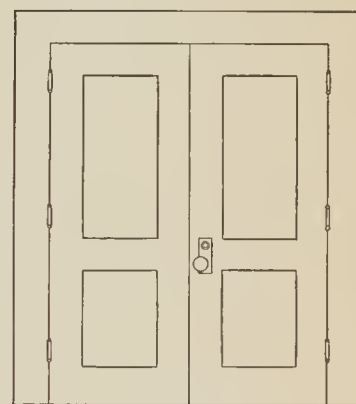
Patented

For Double Doors

Active Door Center Latching. Standing Door Top and Bottom Latching

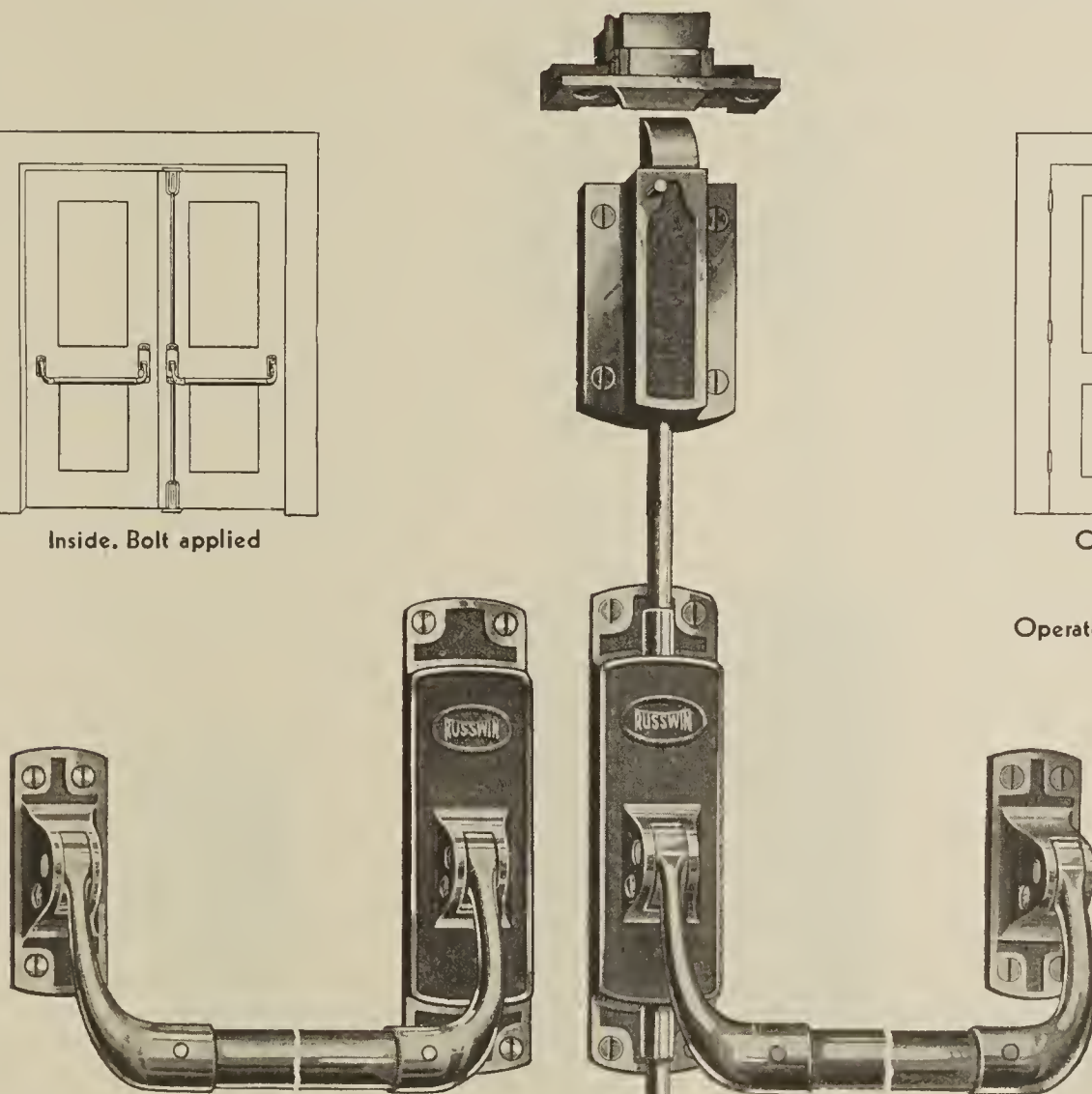


Inside. Bolt applied



Outside. With trim

Operated from outside by knob



Polished Brass

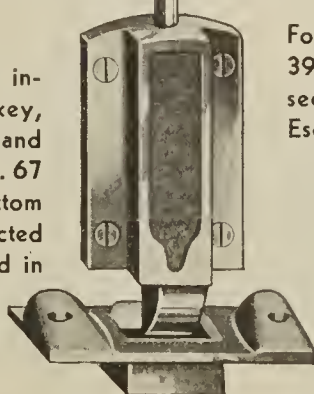
or Bronze

Number	Rods	Bar	Active Cases	Supporting Cases
40 x 67	1/2 in.	1 in.	8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.

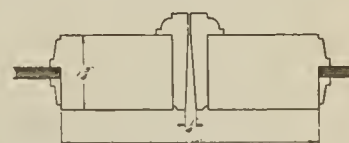
End Cases	Lock	Outside Trim	Weight
3 11/16 x 2 1/2 in.	9458	K3376 3/4 Esc. 3902 Enfield	26 lbs.

Double-acting Bars

OPERATION: A slight push or pull on either bar instantly releases the doors from the inside. The key, through the outside cylinder on No. 67 Bolt, locks and unlocks the knob on the outside. Latch bolt on No. 67 can be held retracted by the key. The top and bottom latches on No. 40 Bolt are automatically held retracted until door is closed. The horizontal bars can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of door without the necessity of operating the Exit Bolt.



For complete description of Bolt, No. 40, see page 395. Bolt, No. 67, see page 408. Lock, No. 9458, see page 304. Knob, No. 3376 3/4, see page 220. Escutcheon, No. 3902 Enfield, see page 45.



Recommended Split Astragal for Double Doors

Lock No. 9458, when applied to doors in pairs, is furnished with open back strike which permits the standing leaf of the door to open independently of the door to which the lock is applied, see page 340. Lock can be master-keyed and grand master-keyed in sets or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

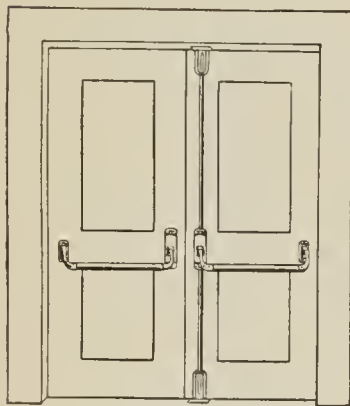
Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

Fire Exit Bolts

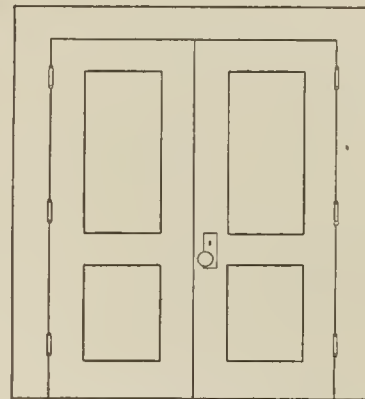
Patented

For Double Doors

Active Door Center Latching. Standing Door Top and Bottom Latching

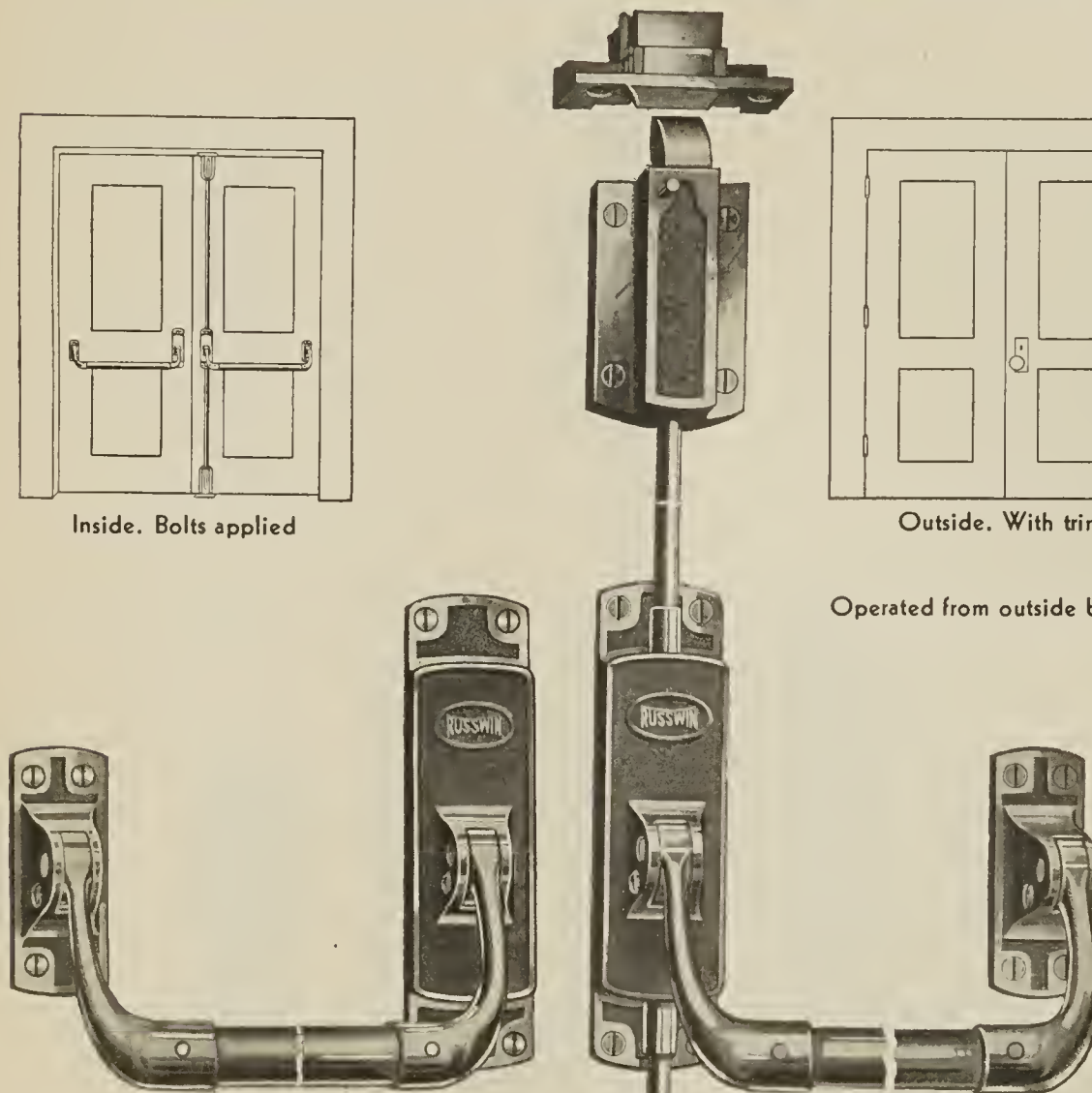


Inside. Bolts applied



Outside. With trim

Operated from outside by knob



Polished Brass

or Bronze

Number	Rods	Bar	Active Cases	Supporting Cases	End Cases
40 x 68	1/2 in.	1 in.	8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.	3 1/16 x 2 1/2 in.

Lock	Outside Trim	Weight
0444 3/4	K2383, Esc. 905 1/2 Roxbury	25 1/2 lbs.

Double-acting Bars

OPERATION: A slight push or pull on either bar instantly releases the doors from the inside. The key, from the outside, locks and unlocks the knob. Latch bolt, on the No. 68 bolt, can ONLY be held retracted when horizontal bar is held in depressed position. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of door without the necessity of operating the Exit Bolts. The top and bottom latches on No. 40 bolt are automatically held retracted until door is closed.

For complete description of Bolt, No. 40, see page 395. Bolt, No. 68, see page 410. Lock, No. 0444 3/4, see page 305. Knob, No. 2383, see page 221. Escutcheon, No. 905 1/2 Roxbury, see page 166.



Recommended Split Astragal
for Double Doors

Lock No. 0444 3/4, when applied to doors in pairs, is furnished with open back strike which permits the standing leaf of the door to open independently of the door to which lock is applied, see page 340. Lock can be master-keyed and grand master-keyed in sets or keyed alike with other Russwin Bit-Key Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

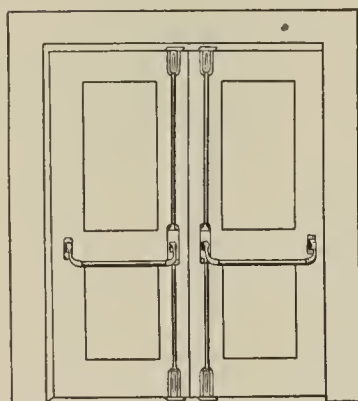
Instructions for ordering, see page 394.

Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

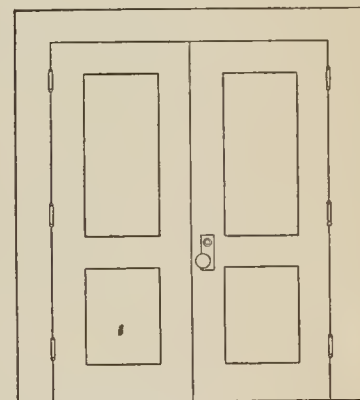
Rim Fire Exit Bolts

Patented

For Double Doors with Narrow Stiles
Top and Bottom Latching on Both Doors

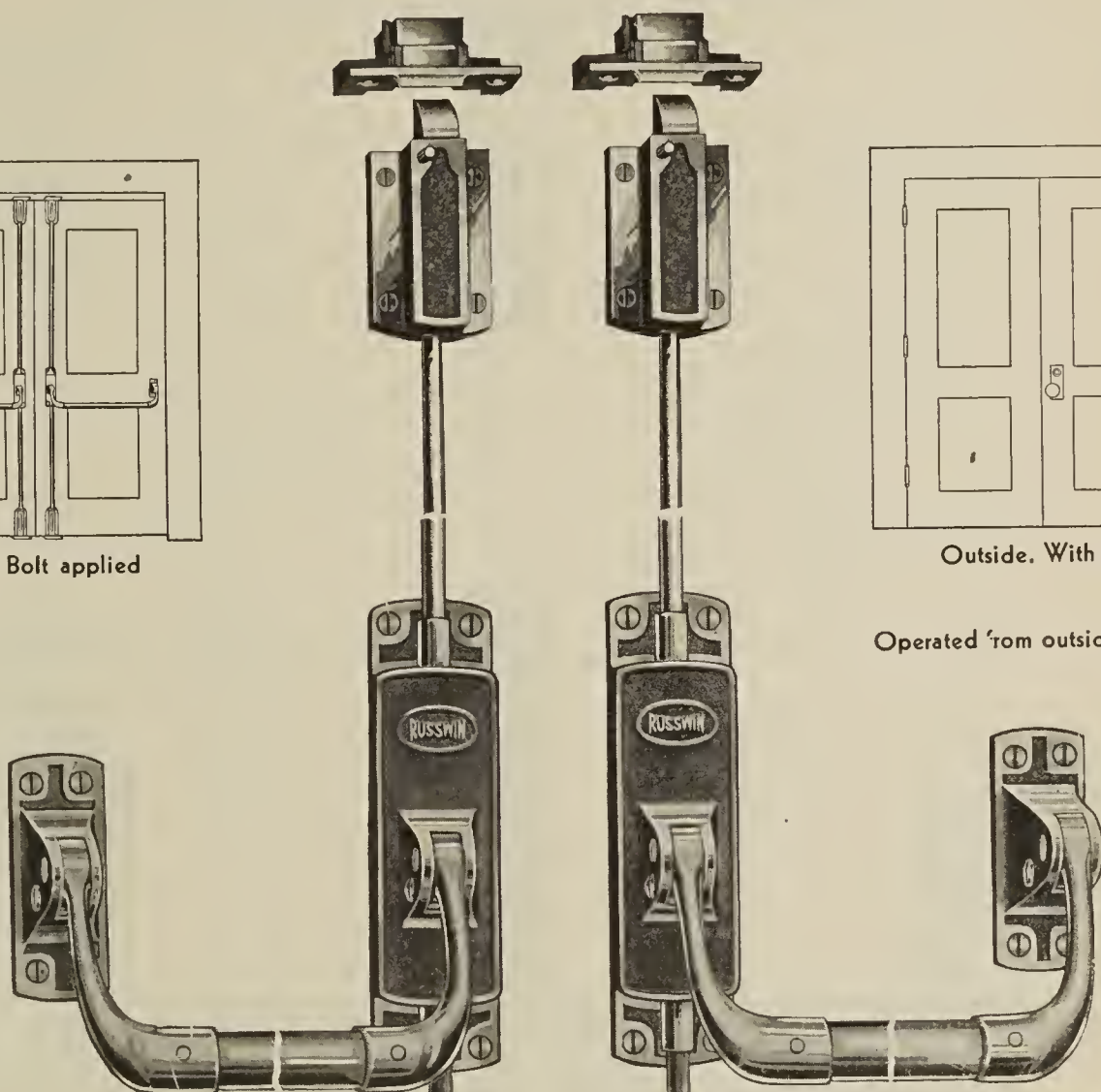


Inside. Bolt applied



Outside. With trim

Operated from outside by knob

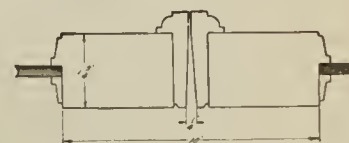


Number	Rods	Bar	Active Cases	Supporting Cases	Polished		Brass		or Bronze		Weight
					End Cases		End Cases		Cylinder	Outside Trim	
43 x 45	1/2 in.	1 in.	8 5/8 x 2 1/8 in.	4 3/16 x 1 5/8 in.	3 1/16 x 2 1/2 in.				1290	K3376 3/4 Esc. 3902 Enfield	29 lbs.

Double-acting Bars

OPERATION: A slight push or pull on either bar instantly releases the door from the inside. The key, through the outside cylinder on the No. 45 Bolt, locks and unlocks the knob on the outside. Top and bottom latches are automatically held retracted until door is closed, eliminating the use of special lip strikes. Bolts are thrown when trip on top case contacts with strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of doors without the necessity of operating the Exit Bolts. These bolts have a compensating spring latch on the bottom rod working independent of the rod. This feature allows the top latch to remain in a locked position even when the bottom latch has been worked out of the strike, or in the event of the strike being obstructed.

For complete description of Bolt, No. 45, see page 396. Cylinder, No. 1290, see page 341. Knob, No. 3376 3/4, see page 220. Escutcheon, No. 3902 Enfield, see page 45. Bolt No. 43 is identical with No. 40, but active case size of No. 45.



Recommended Split Astragal
for Double Doors

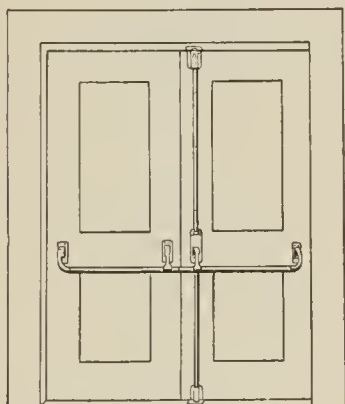
Can be master-keyed, grand master-keyed in sets, or keyed alike with other Russwin Cylinder Locks, see page 355.
Not reversible. Specify hand and thickness of door. Instructions for ordering, see page 394.
Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

Fire Exit Bolts

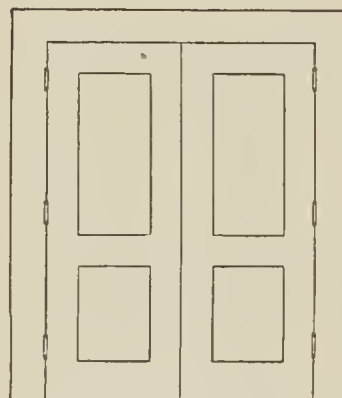
Patented

For Double Exit Doors

Top and Bottom Latching. Bolts Operated by Cross Bar on Both Doors

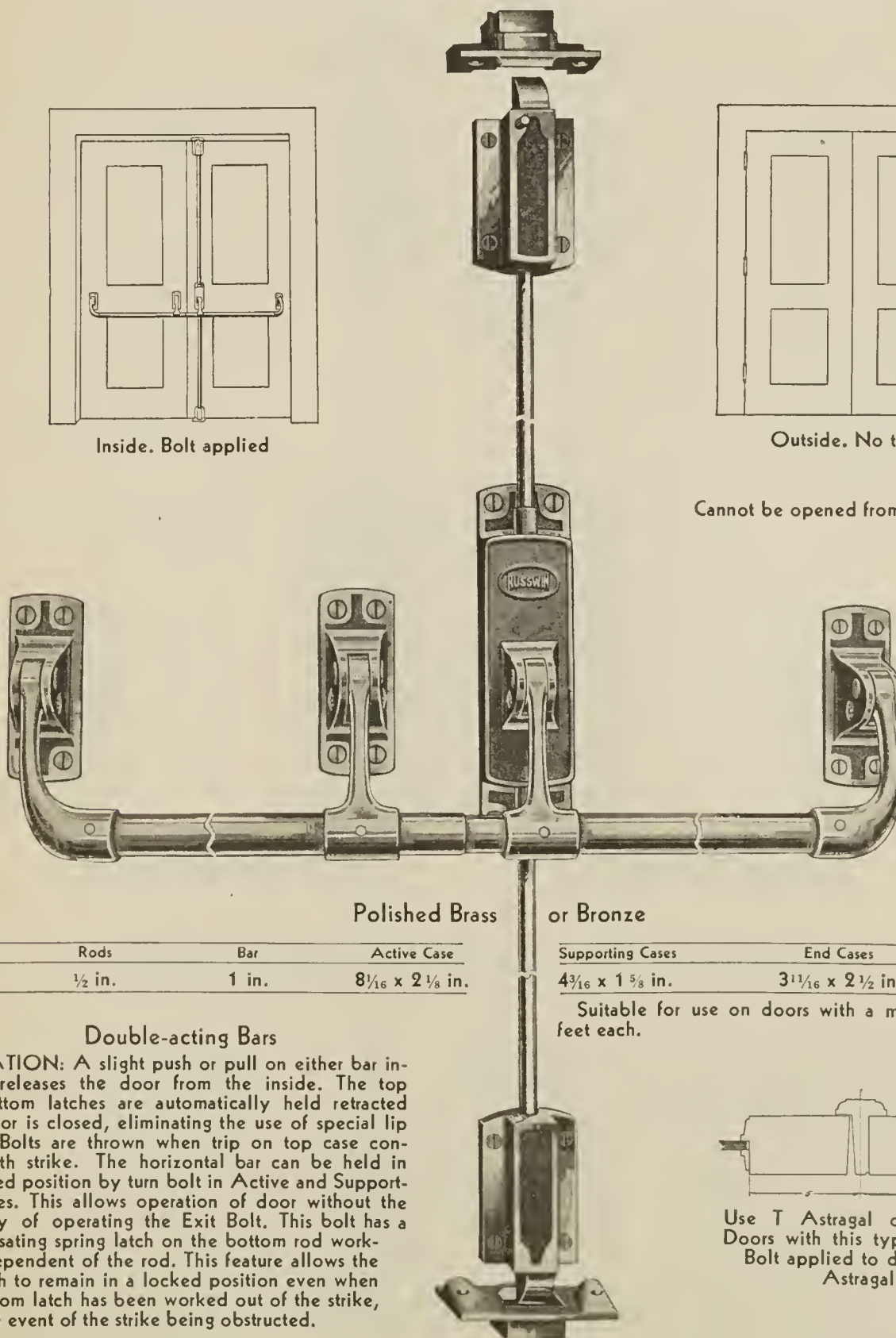


Inside. Bolt applied



Outside. No trim

Cannot be opened from the outside



Polished Brass

or Bronze

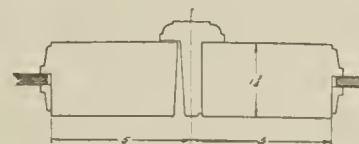
Number	Rods	Bar	Active Case
240	½ in.	1 in.	8 ¹¹ / ₁₆ x 2 ¹ / ₈ in.

Supporting Cases	End Cases	Weight
4 ³ / ₁₆ x 1 ⁵ / ₈ in.	3 ¹¹ / ₁₆ x 2 ¹ / ₂ in.	25 ½ lbs.

Suitable for use on doors with a minimum width of two feet each.

Double-acting Bars

OPERATION: A slight push or pull on either bar instantly releases the door from the inside. The top and bottom latches are automatically held retracted until door is closed, eliminating the use of special lip strikes. Bolts are thrown when trip on top case contacts with strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of door without the necessity of operating the Exit Bolt. This bolt has a compensating spring latch on the bottom rod working independent of the rod. This feature allows the top latch to remain in a locked position even when the bottom latch has been worked out of the strike, or in the event of the strike being obstructed.



Use T Astragal on Double Doors with this type of Bolt. Bolt applied to door with Astragal

To use this type of Bolt the meeting stiles of doors should have T Astragals. Not suitable for double doors having flat-faced meeting stiles, or doors equipped with Split Astragals.

For double doors with flat face or Split Astragals, 2 Bolts of No. 40 type should be used.

Not reversible.

Specify hand of door.

Instructions for ordering, see page 394.

Specify Number and Finish.

Finishes described on pages 16 to 18.

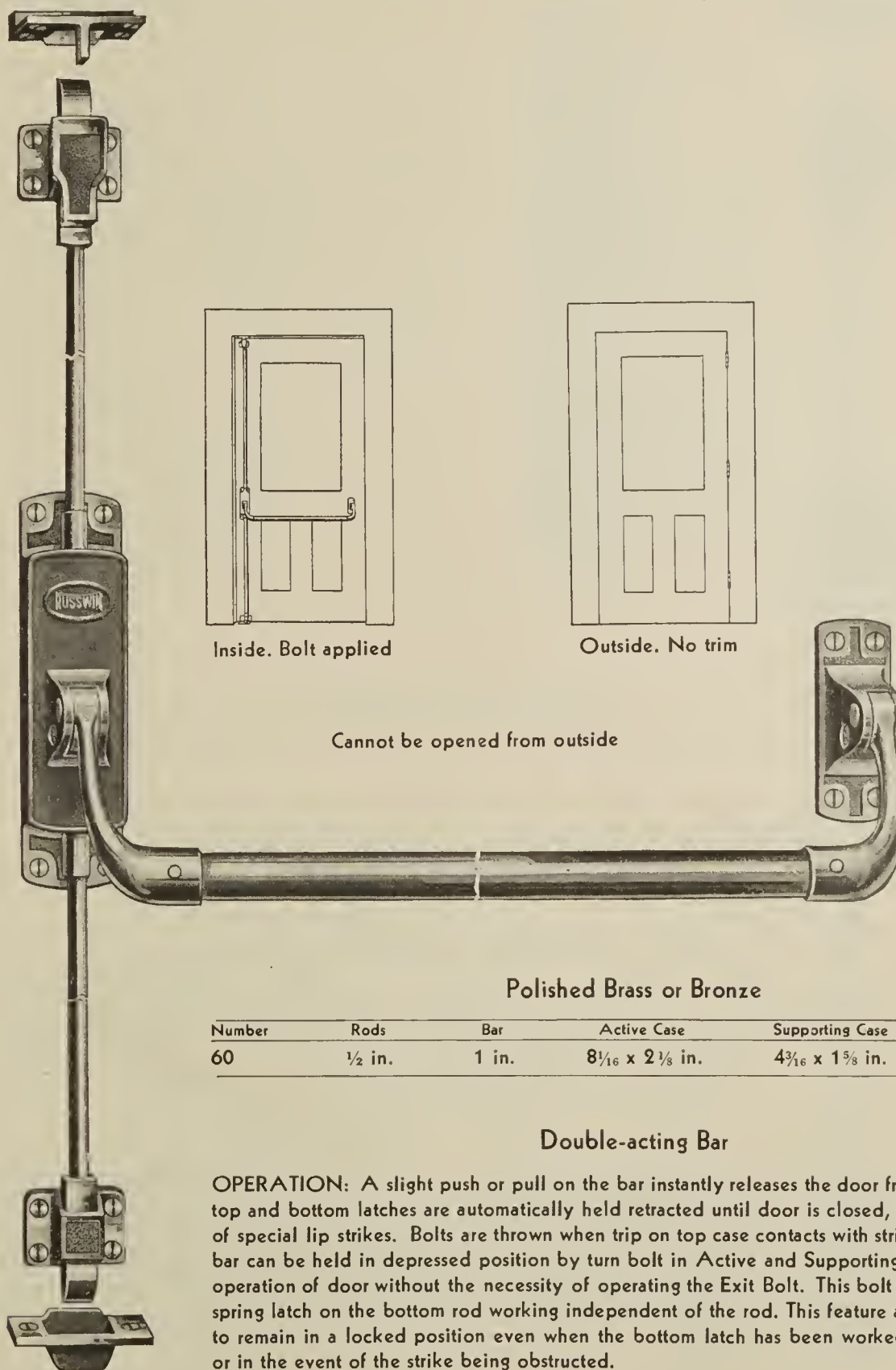
Packed complete with screws.

Fire Exit Bolts

Patented

For Single Exit Doors or Standing Leaf of Double Doors

Top and Bottom Latching. No outside trim required



Polished Brass or Bronze

Number	Rods	Bar	Active Case	Supporting Case	Weight
60	1/2 in.	1 in.	8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.	16 lbs.

Double-acting Bar

OPERATION: A slight push or pull on the bar instantly releases the door from the inside. The top and bottom latches are automatically held retracted until door is closed, eliminating the use of special lip strikes. Bolts are thrown when trip on top case contacts with strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of door without the necessity of operating the Exit Bolt. This bolt has a compensating spring latch on the bottom rod working independent of the rod. This feature allows the top latch to remain in a locked position even when the bottom latch has been worked out of the strike, or in the event of the strike being obstructed.

Not reversible.
Specify Number and Finish.

Specify hand of door.
Finishes described on pages 16 to 18.

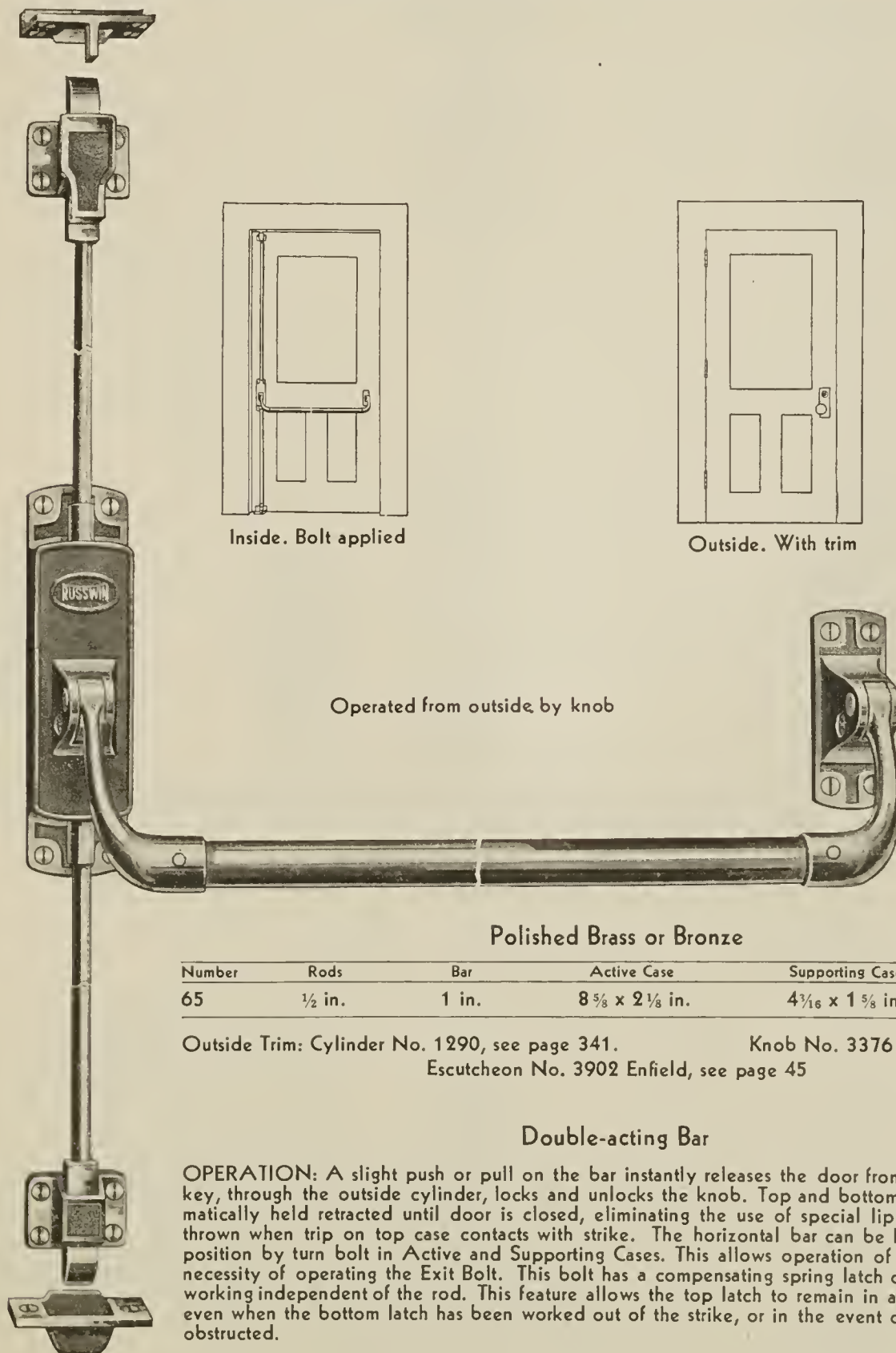
Instructions for ordering, see page 394.
Packed complete with screws.

Rim Fire Exit Bolts

Patented

For Single Doors with Narrow Stiles

Top and Bottom Latching. With Russwin Ball-Bearing Cylinder



Inside. Bolt applied

Outside. With trim

Operated from outside by knob

Polished Brass or Bronze

Number	Rods	Bar	Active Case	Supporting Case	Weight
65	1/2 in.	1 in.	8 5/8 x 2 1/8 in.	4 3/16 x 1 5/8 in.	17 lbs.

Outside Trim: Cylinder No. 1290, see page 341.

Knob No. 3376 3/4, see page 220.

Escutcheon No. 3902 Enfield, see page 45

Double-acting Bar

OPERATION: A slight push or pull on the bar instantly releases the door from the inside. The key, through the outside cylinder, locks and unlocks the knob. Top and bottom latches are automatically held retracted until door is closed, eliminating the use of special lip strikes. Bolts are thrown when trip on top case contacts with strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of door without the necessity of operating the Exit Bolt. This bolt has a compensating spring latch on the bottom rod working independent of the rod. This feature allows the top latch to remain in a locked position even when the bottom latch has been worked out of the strike, or in the event of the strike being obstructed.

Can be master-keyed, grand master-keyed in sets, or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible. Specify hand and thickness of door.

Instructions for ordering, see page 394.

Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

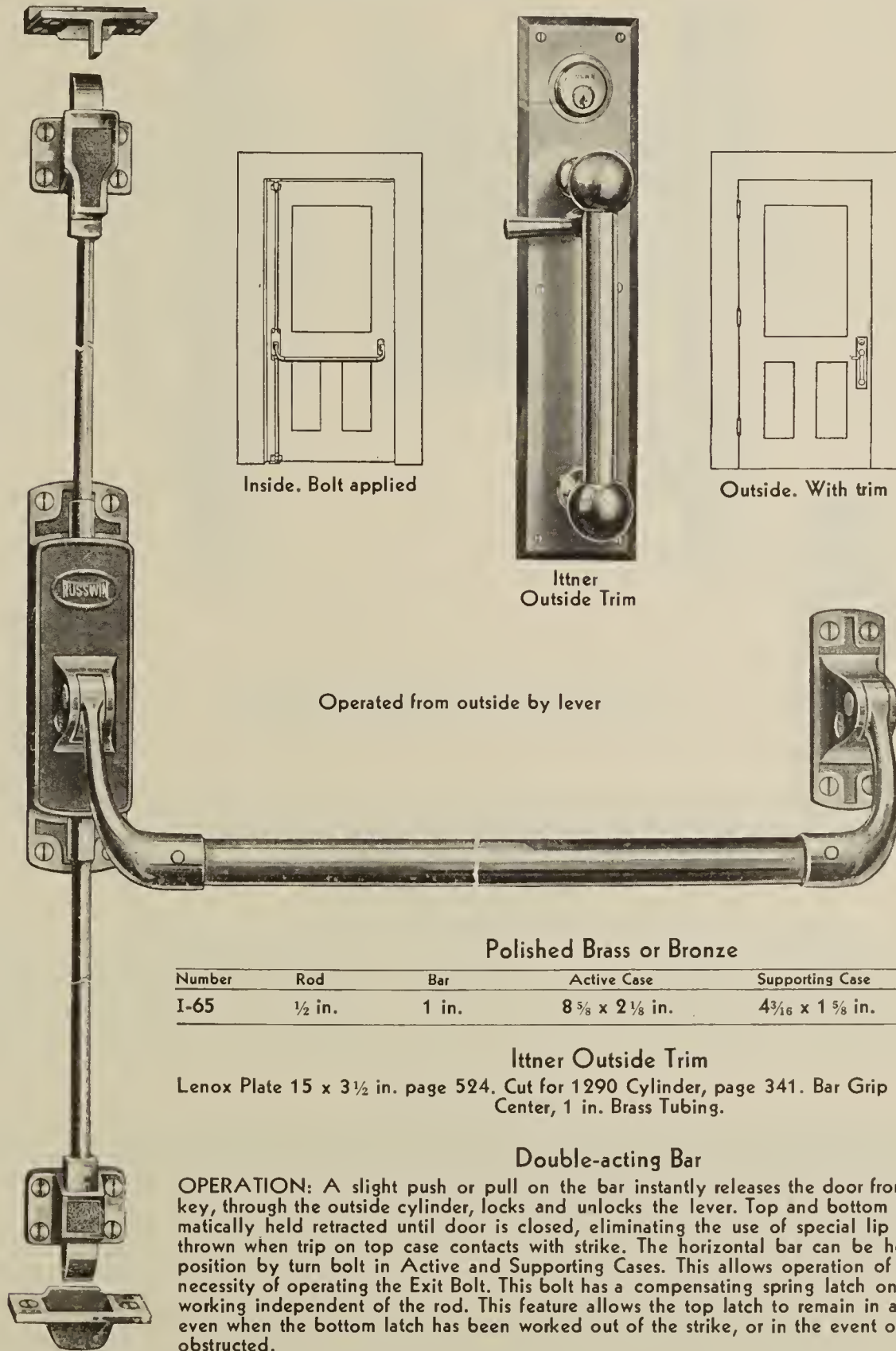
RUSWIN

Fire Exit Bolts

Patented

For Single or Double Doors

Top and Bottom Latching. With Russwin Ball-Bearing Cylinder



Polished Brass or Bronze

Number	Rod	Bar	Active Case	Supporting Case	Weight
I-65	1/2 in.	1 in.	8 3/8 x 2 1/8 in.	4 3/16 x 1 5/8 in.	16 lbs.

Ittner Outside Trim

Lenox Plate 15 x 3 1/2 in. page 524. Cut for 1290 Cylinder, page 341. Bar Grip 8 1/2 in. Center to Center, 1 in. Brass Tubing.

Double-acting Bar

OPERATION: A slight push or pull on the bar instantly releases the door from the inside. The key, through the outside cylinder, locks and unlocks the lever. Top and bottom latches are automatically held retracted until door is closed, eliminating the use of special lip strikes. Bolts are thrown when trip on top case contacts with strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of door without the necessity of operating the Exit Bolt. This bolt has a compensating spring latch on the bottom rod working independent of the rod. This feature allows the top latch to remain in a locked position even when the bottom latch has been worked out of the strike, or in the event of the strike being obstructed.

Can be master-keyed, grand master-keyed in sets, or keyed alike with other Russwin Cylinder Locks, see page 355.

Outside trim as shown can be furnished on bolt No. 67, on page 408.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

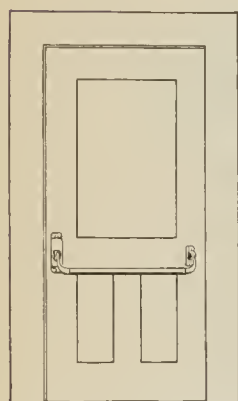
Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

Fire Exit Bolts

Patented

For Single Doors

With Russwin Cylinder Mortise Lock



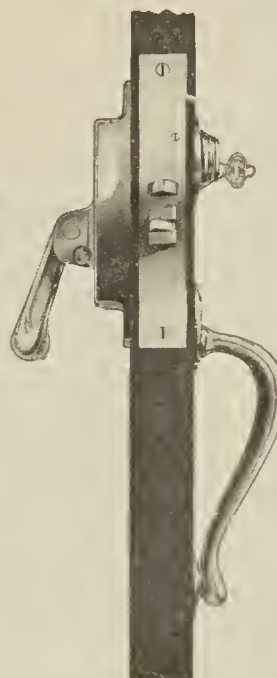
Inside. Bolt applied



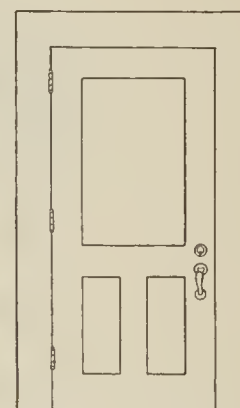
No. 66



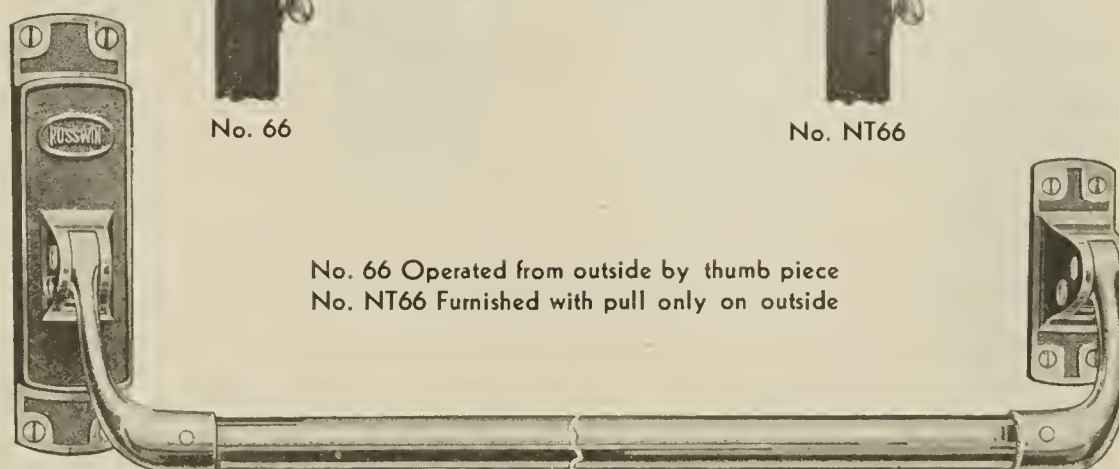
No. 9452



No. NT66



Outside. With trim



No. 66 Operated from outside by thumb piece
No. NT66 Furnished with pull only on outside

Polished Brass or Bronze

Number	Bar	Active Case	Supporting Case	Lock	Outside Trim	Weight
66	1 in.	8 $\frac{1}{16}$ x 2 $\frac{1}{8}$ in.	4 $\frac{3}{16}$ x 1 $\frac{5}{8}$ in.	9452	420 Saybrook Handle	15 lbs.
NT66	1 in.	8 $\frac{1}{16}$ x 2 $\frac{1}{8}$ in.	4 $\frac{3}{16}$ x 1 $\frac{5}{8}$ in.	9452	420 Saybrook Handle without Thumb Piece	15 lbs.

For complete description of Lock, No. 9452, see page 304. Sectional Handle, No. 420 Saybrook, see page 196.

Double-acting Bar

OPERATION: A slight push or pull on the bar instantly releases the door from the inside. The key, through outside cylinder on the No. 66 bolt, locks and unlocks thumb piece on the outside. The thumb piece is automatically deadlocked when latch is withdrawn by key, and is unlocked by reverse throw of key. When thumb piece is locked, latch bolt may be held in a retracted position by pushing latch bolt in with finger and turning key toward back of lock.

The key, through outside cylinder on the No. NT66 bolt, withdraws the latch. Latch bolt may be held in a retracted position by withdrawing latch bolt by key, holding it in with finger until locked in retracted position by turning key toward the back of the lock.

Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Case. This allows operation of door without the necessity of operating the Exit Bolt.

Lock can be master-keyed and grand master-keyed in sets, or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

Specify Number and Finish.

Finishes described on pages 16 to 18.

Packed complete with screws.

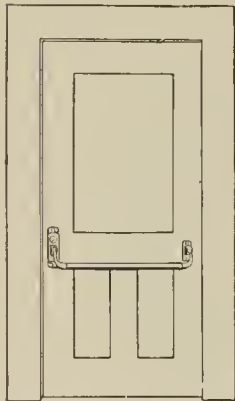
RUSSWIN

Fire Exit Bolts

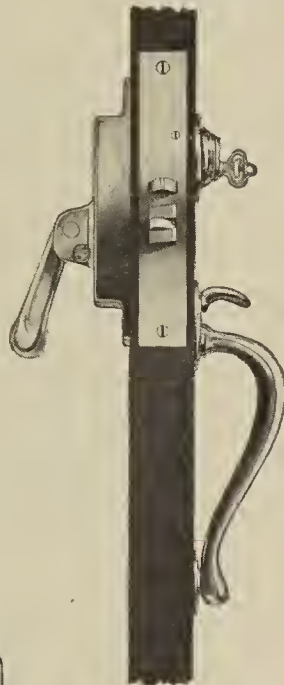
Patented

For Single Doors

With Russwin Cylinder Mortise Lock



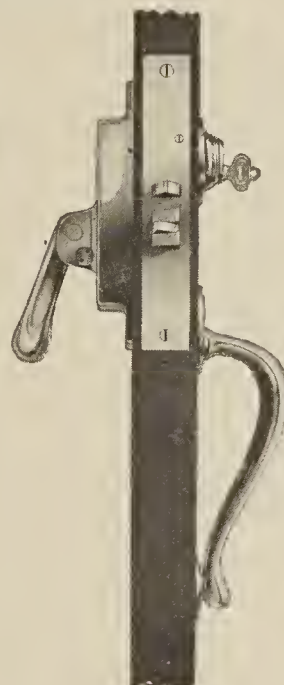
Inside. Bolt applied



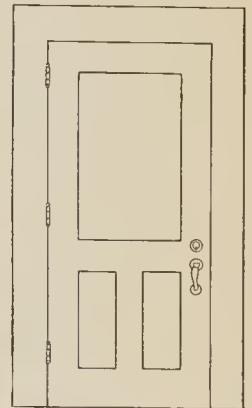
No. 66 1/2



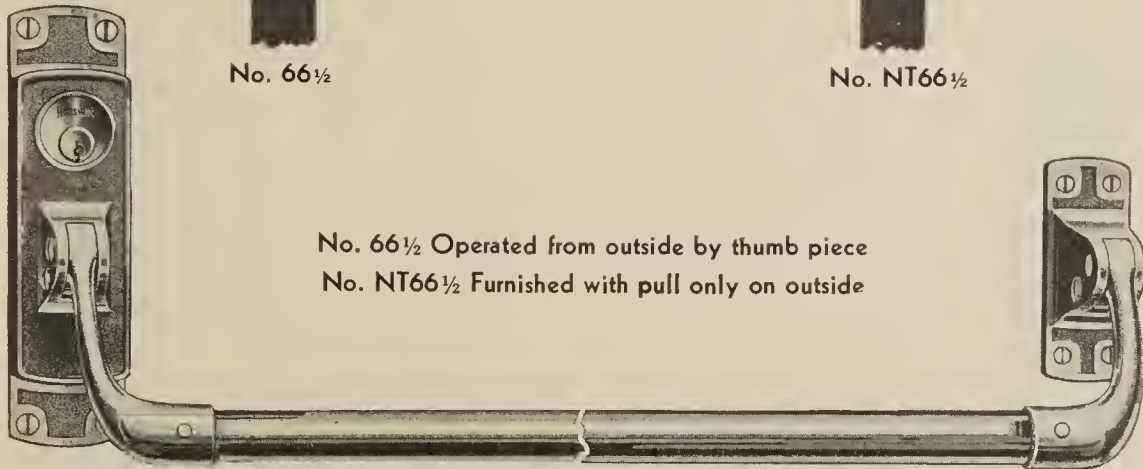
No. 9452 1/2



No. NT66 1/2



Outside. With trim



No. 66 1/2 Operated from outside by thumb piece

No. NT66 1/2 Furnished with pull only on outside

Polished Brass or Bronze

Number	Bar	Active Case	Supporting Case	Lock	Outside Trim	Weight
66 1/2	1 in.	8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.	9452 1/2	420 Saybrook Handle	15 lbs.
NT66 1/2	1 in.	8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.	9452 1/2	420 Saybrook Handle, without Thumb Piece	15 lbs.

For complete description of Lock, No. 9452 1/2, see page 304. Sectional Handle, No. 420 Saybrook, see page 196.

Double-acting Bar

OPERATION: A slight push or pull on the bar instantly releases the door from the inside. The key, through the inside cylinder, on the No. 66 1/2 bolt, locks and unlocks thumb piece on the outside. When locked against thumb piece, through inside cylinder, entrance may be had from outside by turning key in outside cylinder, which retracts the latch bolt. When thumb piece is locked, latch bolt may be held in a retracted position by pushing latch bolt in with finger and turning key through inside cylinder toward back of lock.

The key, through outside cylinder, on the No. NT66 1/2, withdraws latch bolt. The key, through the inside cylinder, may be used to hold latch bolt in a retracted position by pushing in latch bolt with finger, turning key first toward front of lock to set locking mechanism, then toward back of lock.

Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Case. This allows operation of door without the necessity of operating Exit Bolt.

Lock can be master-keyed and grand master-keyed in sets, or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

Specify Number and Finish.

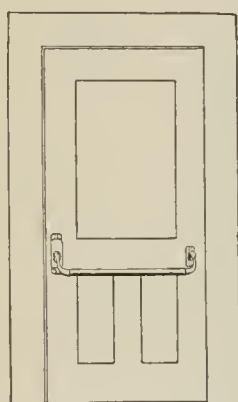
Finishes described on pages 16 to 18.

Packed complete with screws.

Fire Exit Bolts

Patented

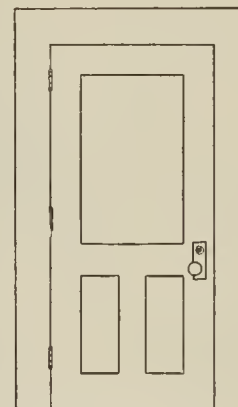
For Single Doors
With Russwin Cylinder Mortise Lock



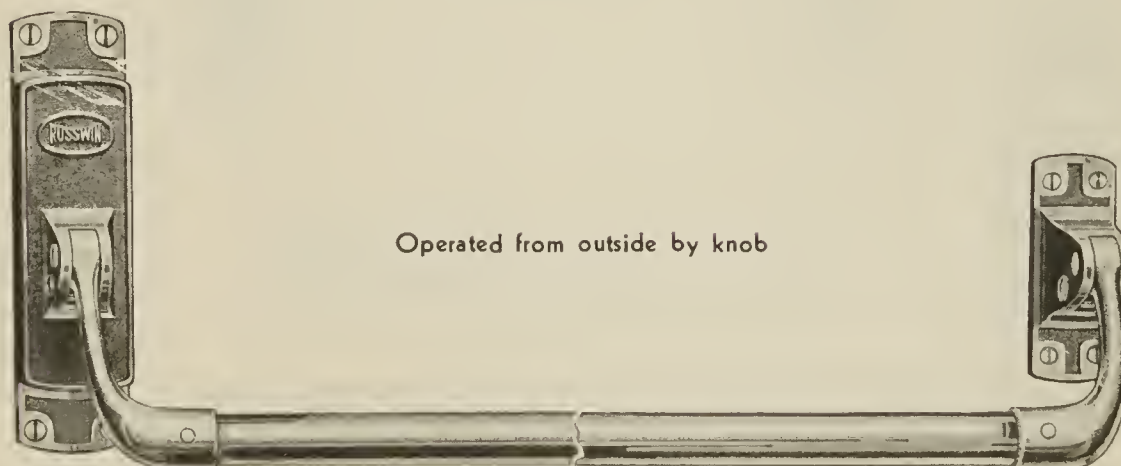
Inside. Bolt applied



No. 9458



Outside. With trim



Operated from outside by knob

Polished Brass or Bronze

Number	Bar	Active Case	Supporting Case	Lock	Outside Trim	Weight
67	1 in.	8 $\frac{1}{16}$ x 2 $\frac{1}{8}$ in.	4 $\frac{3}{16}$ x 1 $\frac{5}{8}$ in.	9458	Knob 3376 $\frac{3}{4}$, Esc. 3902 Enfield	15 $\frac{1}{2}$ lbs.

For complete description of Lock, No. 9458, see page 304. Knob, No. 3376 $\frac{3}{4}$, see page 220. Escutcheon, No. 3902 Enfield, see page 45.

Double-acting Bar

OPERATION: A slight push or pull on the bar instantly releases the door from the inside. The key, through outside cylinder, locks and unlocks the knob on the outside. The knob is automatically deadlocked when latch bolt is withdrawn by key, and is released by reverse throw of key. When knob is locked, latch bolt may be held in a retracted position by pushing latch bolt in with finger and turning key toward back of lock. Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Case. This allows operation of door without the necessity of operating Exit Bolt.

Lock can be master-keyed and grand master-keyed in sets, or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

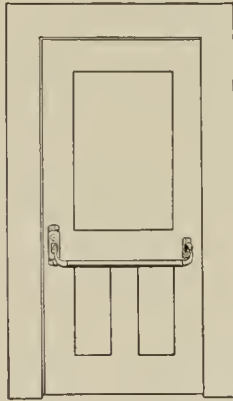
Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

Fire Exit Bolts

Patented

For Single Doors

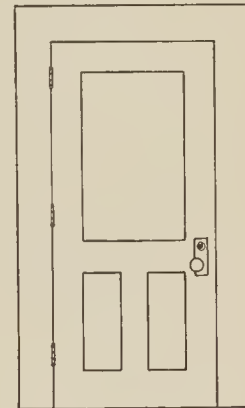
With Russwin Cylinder Mortise Lock



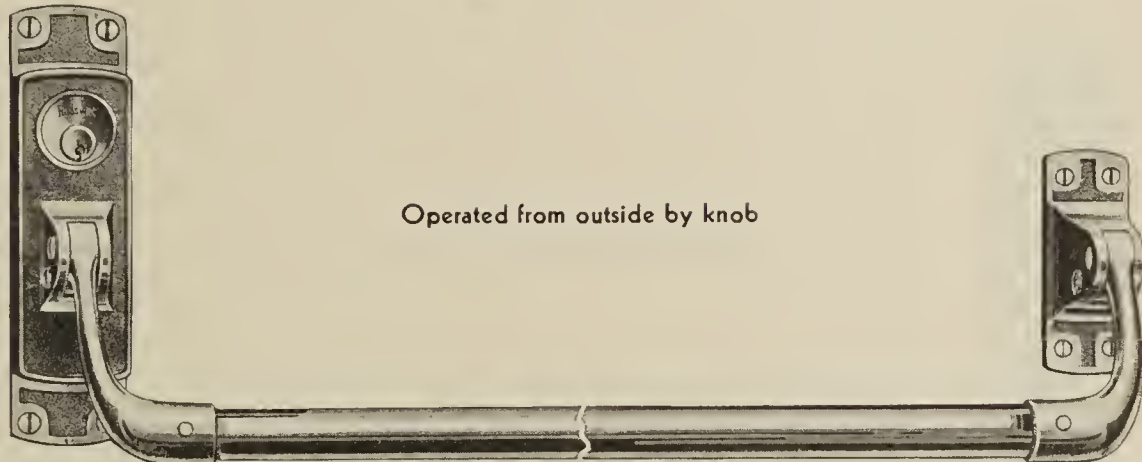
Inside. Bolt applied



No. 9458 1/2



Outside. With trim



Operated from outside by knob

Polished Brass or Bronze

Number	Bar	Active Case	Supporting Case	Lock	Outside Trim	Weight
67 1/2	1 in.	8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.	9458 1/2	Knob 3376 3/4, Esc. 3902 Enfield	15 1/2 lbs.

For complete description of Lock, No. 9458 1/2, see page 304. Knob, No. 3376 3/4, see page 220. Escutcheon, No. 3902 Enfield, see page 45.

Double-acting Bar

OPERATION: A slight push or pull on the bar instantly releases the door from the inside. The key, through the inside cylinder, locks and unlocks the knob on the outside. When locked against knob, through inside cylinder, entrance may be had from outside by turning key in outside cylinder, which retracts the latch bolt. When knob is locked, latch bolt may be held in retracted position by pushing latch bolt in with finger and turning key through inside cylinder toward back of lock. Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Case. This allows operation of door without the necessity of operating Exit Bolt.

Lock can be master-keyed and grand master-keyed in sets, or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

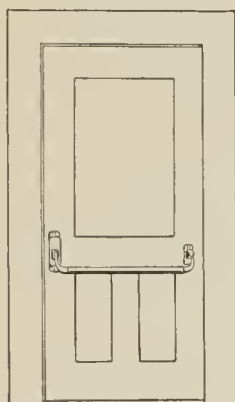
Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

Fire Exit Bolts

Patented

For Single Doors

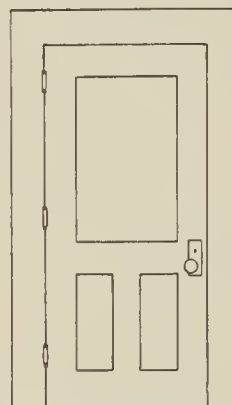
With Bit-Key Mortise Lock



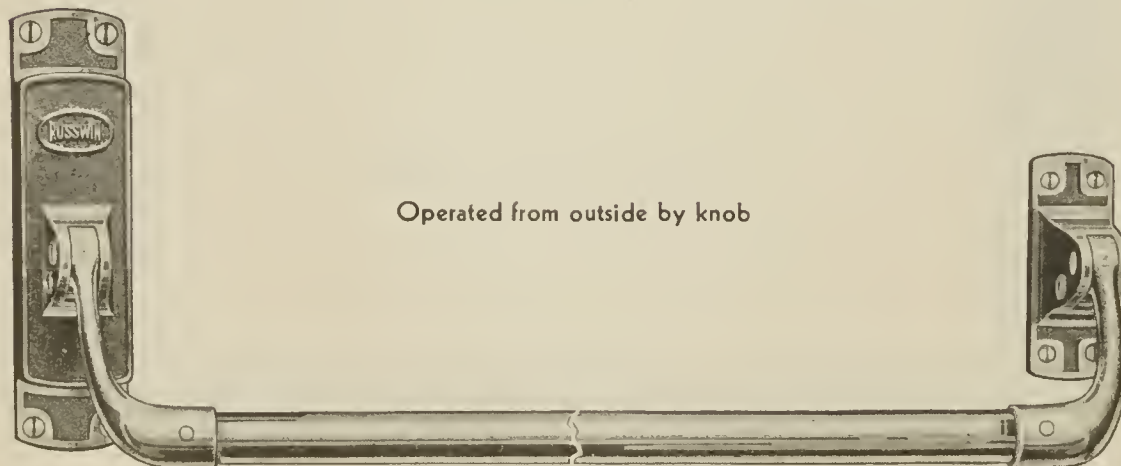
Inside. Bolt applied



No. 0444 $\frac{3}{4}$



Outside. With trim



Operated from outside by knob

Polished Brass or Bronze

Number	Bar	Active Case	Supporting Case	Lock	Outside Trim	Weight
68	1 in.	8 $\frac{1}{16}$ x 2 $\frac{1}{8}$ in.	4 $\frac{3}{16}$ x 1 $\frac{5}{8}$ in.	0444 $\frac{3}{4}$	Knob 2383, Esc. 905 $\frac{1}{2}$ Roxbury	13 $\frac{1}{2}$ lbs.

For complete description of Lock, No. 0444 $\frac{3}{4}$, see page 305. Knob, No. 2383, see page 221. Escutcheon, No. 905 $\frac{1}{2}$ Roxbury, see page 166.

Double-acting Bar

OPERATION: A slight push or pull on the bar instantly releases the door from the inside. The key, from the outside, locks and unlocks the knob. When knob is unlocked Auxiliary Latch is held in retracted position. Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted from outside. Latch bolt can only be held retracted when horizontal bar is held in depressed position. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Case. This allows operation of door without the necessity of operating the Exit Bolt.

Lock can be master-keyed and grand master-keyed in sets, or keyed alike with other Russwin Bit-Key Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

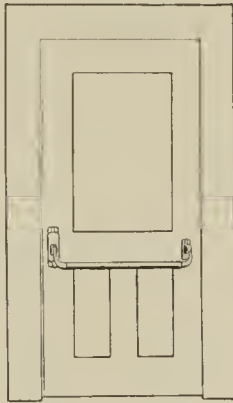
RUSSWIN

Fire Exit Bolts

Patented

For Single Exit Doors

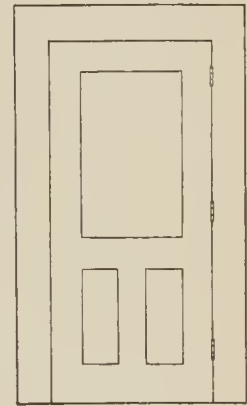
With Mortise Latch



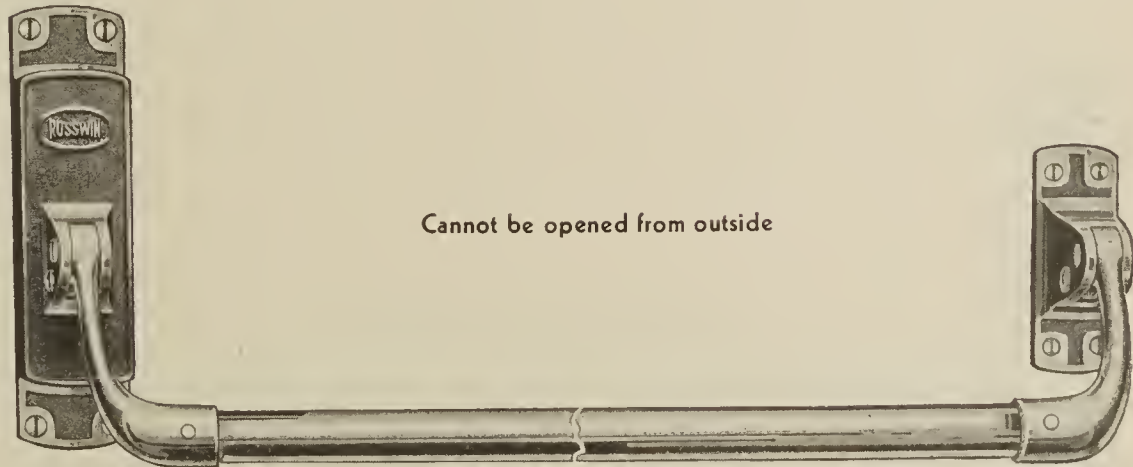
Inside. Bolt applied



No. 0440



Outside. No trim



Polished Brass or Bronze

Number	Bar	Active Case	Supporting Case	Latch	Outside Trim	Weight
69	1 in.	8 $\frac{1}{16}$ x 2 $\frac{1}{8}$ in.	4 $\frac{3}{16}$ x 1 $\frac{5}{8}$ in.	0440, page 306	None	12 lbs.

Double-acting Bar

OPERATION: A slight push or pull on the bar instantly releases the door from the inside. Latch has recessed front to prevent retracting latch bolt from outside. Latch bolt can only be held retracted when horizontal bar is held in depressed position. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Case. This allows operation of door without the necessity of operating the Exit Bolt.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

Specify Number and Finish.

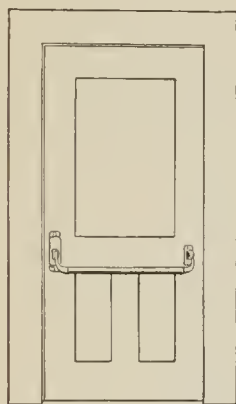
Finishes described on pages 16 to 18.

Packed complete with screws.

Fire Exit Bolts

Patented

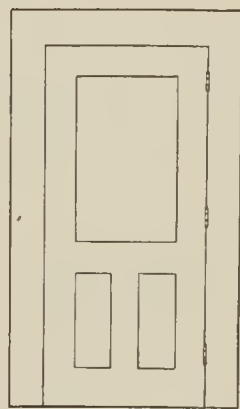
For Single Exit Doors
With Mortise Latch



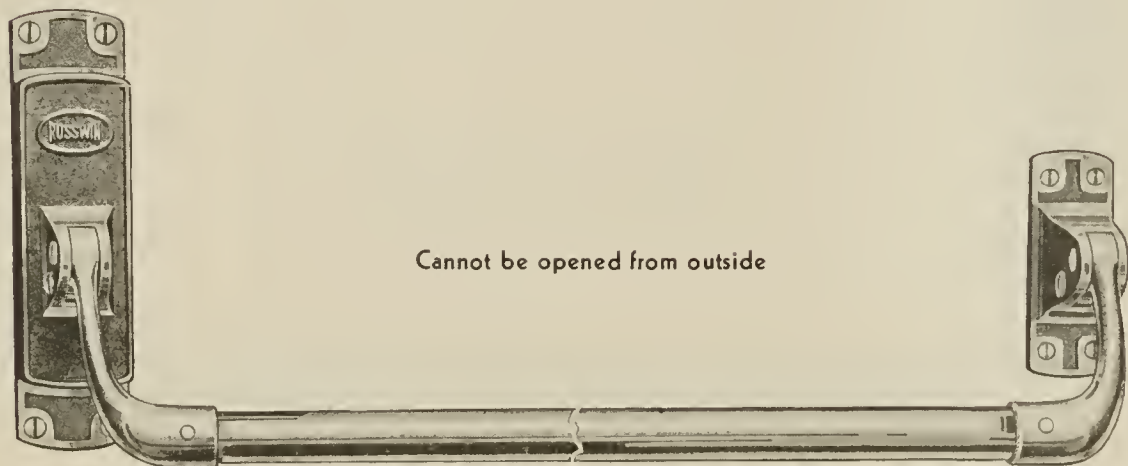
Inside. Bolt applied



No. 0441



Outside. No trim



Cannot be opened from outside

Polished Brass or Bronze

Number	Bar	Active Case	Supporting Case	Latch	Outside Trim	Weight
69A	1 in.	8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.	0441, page 306	None	12 lbs.

Double-acting Bar

OPERATION: A slight push or pull on the bar instantly releases the door from the inside. Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted from outside. Latch bolt can only be held retracted when horizontal bar is held in depressed position. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Case. This allows operation of door without the necessity of operating the Exit Bolt.

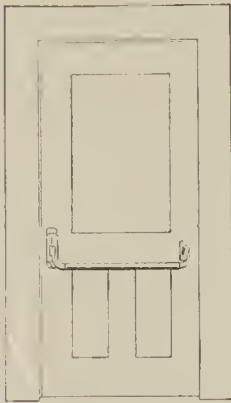
Not reversible. Specify hand and thickness of door. Instructions for ordering, see page 394.
Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

Fire Exit Bolts

Patented

For Single Exit Doors

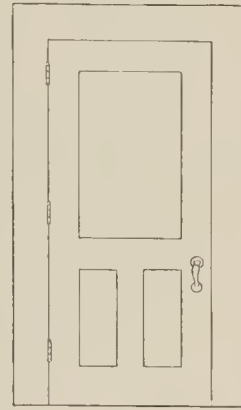
With Bit-Key Mortise Lock



Inside. Bolt applied



No. 0445³/₄



Outside. With trim



Cannot be opened from outside

Polished Brass or Bronze

Number	Bar	Active Case	Supporting Case	Lock	Outside Trim	Weight
168	1 in.	8 ¹ / ₁₆ x 2 ¹ / ₈ in.	4 ³ / ₁₆ x 1 ⁵ / ₈ in.	0445 ³ / ₄	420 Saybrook Handle, without Thumb Piece and Cyl. Col.	15 lbs.

For complete description of lock, No. 0445³/₄, see page 305. Sectional Handle, No. 420 Saybrook, see page 196.

Double-acting Bar

OPERATION: A slight push or pull on the bar instantly releases the door from the inside. The key, from the inside, locks the latch bolt and auxiliary latch in a retracted position. Auxiliary latch automatically deadlocks and safeguards latch bolt, preventing it from being retracted by any instrument inserted between face of lock and strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Case. This allows operation of door without the necessity of operating the Exit Bolt.

Lock can be master-keyed and grand master-keyed in sets, or keyed alike with other Russwin Bit-Key Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

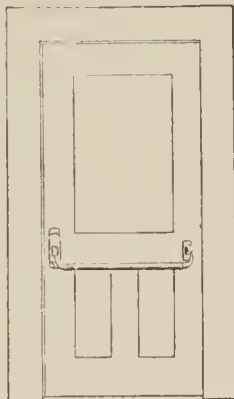
Specify Number and Finish.

Finishes described on pages 16 to 18.

Packed complete with screws.

Rim Fire Exit Bolts

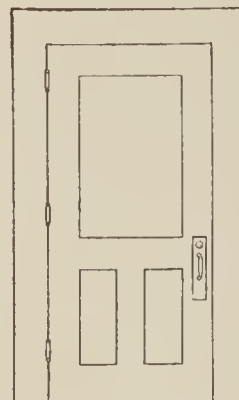
For Single Doors and Double Doors with Removable Mullion



Inside. Bolt applied



No. 627 Enfield Door Pull
Outside of Door



Outside. With trim

PERTINENT FEATURES

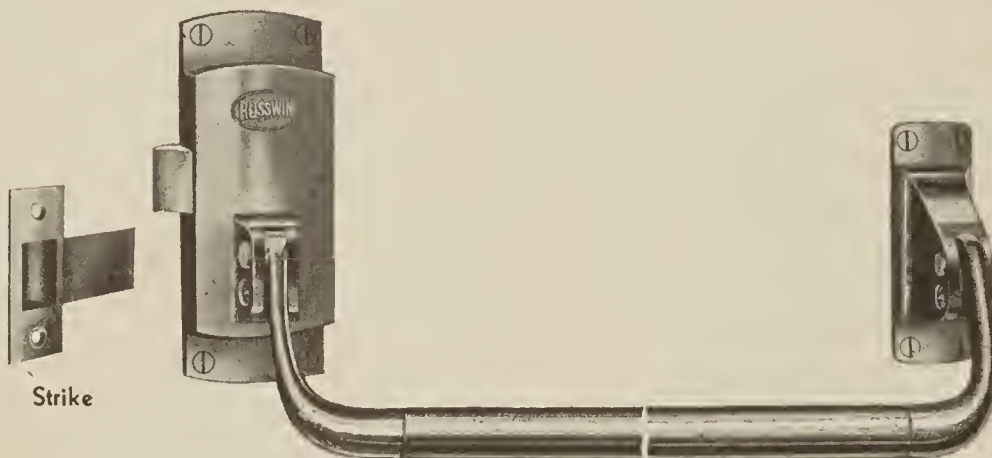
Drop Forged Arm Brackets.

Oilite Bearings.

Unit Construction Complete Factory Assembly Applied As Single Unit. Ideal For Hollow Metal and Thin Wood Doors. (No Lock to Mortise.)

For Single Doors or Pairs of Doors with Removable Mullion 0564.

Only Three Working Parts in Case.



Operated from outside by pull

Polished Brass or Bronze

Number	Bar	Active Case	Supporting Case	Outside Trim	Weight
566	1 in.	7¼ x 2¾ in.	4½ x 1 ¹³ / ₁₆ in.	Pull 627 Enfield, Page 526. Cut for 1290 Cylinder	13½ lbs.

Single-acting Bar

OPERATION: A slight push on the bar instantly releases the door from the inside. The key, through the outside cylinder, withdraws latch bolt. Latch bolt can **ONLY** be held retracted when horizontal bar is held in depressed position. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Case. This allows operation of the door without the necessity of operating the Exit Bolt. Bolt is furnished with: Easy Closing, Swinging Latch Bolt with ¾ in. throw. Strike with lip ¼ in. beyond thickness of door, unless otherwise specified.

Can be master-keyed, grand master-keyed in sets, or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

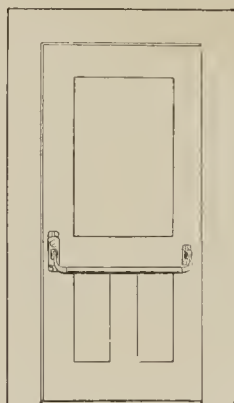
Specify Number and Finish.

Finishes described on pages 16 to 18.

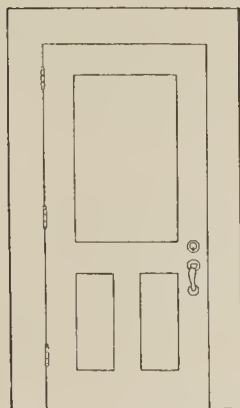
Packed complete with screws.

Rim Fire Exit Bolts

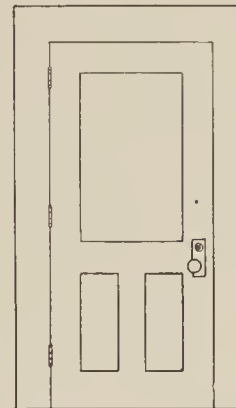
For Single Doors and Double Doors with Removable Mullion



564, 564 $\frac{1}{2}$, 567, 567 $\frac{1}{2}$
Inside. Bolt applied



564, 564 $\frac{1}{2}$ Outside. With trim.
Operated from outside
by thumb piece



567, 567 $\frac{1}{2}$ Outside. With trim.
Operated from outside
by knob

PERTINENT FEATURES

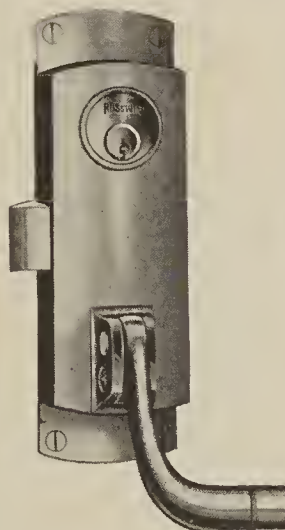
Drop Forged Arm
Brackets.

Oilite Bearings.

Unit Construction Com-
plete Factory Assembly
Applied As Single Unit.

Ideal For Hollow Metal
and Thin Wood Doors.
(No Lock to Mortise.)

For Single Doors or Pairs
of Doors with Removable
Mullion 0564.



Inside Bolts 564 $\frac{1}{2}$, 567 $\frac{1}{2}$



Inside Bolts 564, 567



Polished Brass or Bronze

Number	Bar	Active Case	Supporting Case	Cylinder	Outside Trim	Weight
564	1 in.	8 $\frac{1}{4}$ x 3 in.	4 $\frac{1}{2}$ x 1 $\frac{13}{16}$ in.	1	420 Saybrook Handle, Page 196	15 $\frac{1}{2}$ lbs.
564 $\frac{1}{2}$	1 in.	8 $\frac{1}{4}$ x 3 in.	4 $\frac{1}{2}$ x 1 $\frac{13}{16}$ in.	2	420 Saybrook Handle, Page 196	16 lbs.
567	1 in.	8 $\frac{1}{4}$ x 3 in.	4 $\frac{1}{2}$ x 1 $\frac{13}{16}$ in.	1	Knob 3376 $\frac{3}{4}$, Page 220, Escutcheon 3902, Enfield Page 45	16 lbs.
567 $\frac{1}{2}$	1 in.	8 $\frac{1}{4}$ x 3 in.	4 $\frac{1}{2}$ x 1 $\frac{13}{16}$ in.	2	Knob 3376 $\frac{3}{4}$, Page 220, Escutcheon 3902 Enfield, Page 45	16 $\frac{1}{2}$ lbs.

Single-acting Bar

OPERATION: No. 564, 567. A slight push on the bar instantly releases the door from the inside. The key, through the outside cylinder locks and unlocks knob or thumb piece on the outside. The knob or thumb piece is automatically deadlocked when latch is withdrawn by key, and is unlocked by a reverse throw of the key.

OPERATION: 564 $\frac{1}{2}$, 567 $\frac{1}{2}$. A slight push on the bar instantly releases the door from the inside. The key, through the inside cylinder, locks and unlocks knob or thumb piece on the outside. When locked against knob or thumb piece, through inside cylinder, entrance may be had from outside by turning key in outside cylinder, which retracts the latch bolt. When knob or thumb piece is locked, latch bolt may be held in a retracted position by pushing latch bolt in with finger and turning key through inside cylinder toward back of lock.

DESCRIPTION: The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Case. This allows operation of the door without the necessity of operating the Exit Bolt. Bolt is furnished with: Easy Closing, Swinging Latch Bolt with $\frac{3}{4}$ in. throw. Strike with lip $\frac{1}{4}$ in. beyond thickness of door, unless otherwise specified.

Can be master-keyed, grand master-keyed in sets, or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

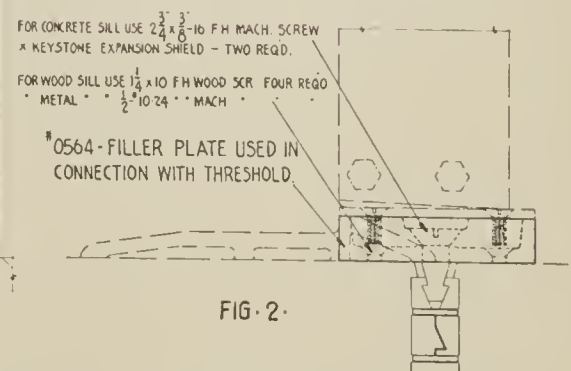
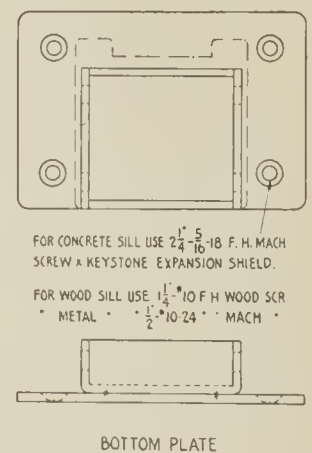
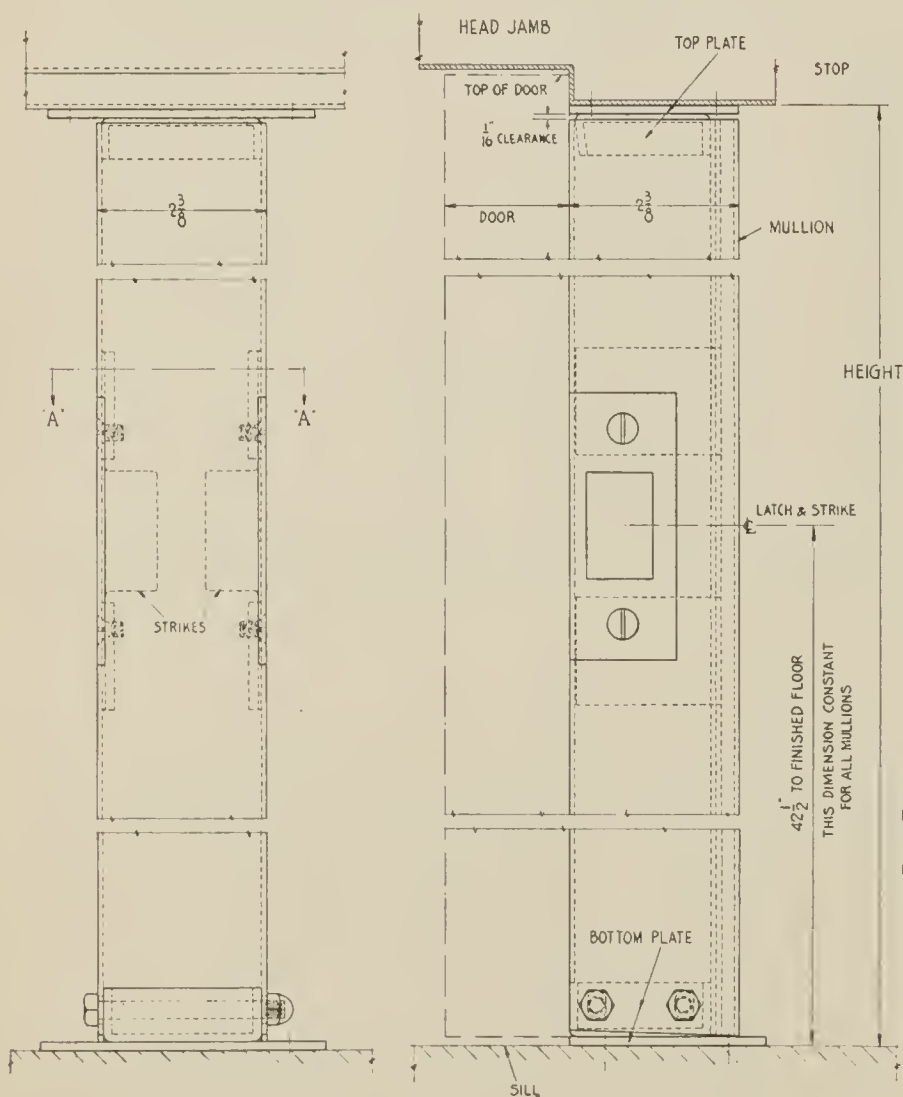
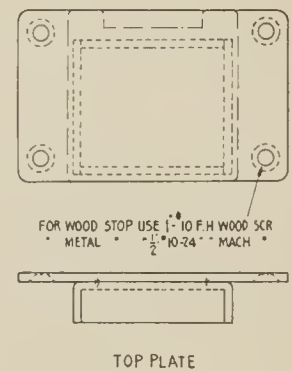
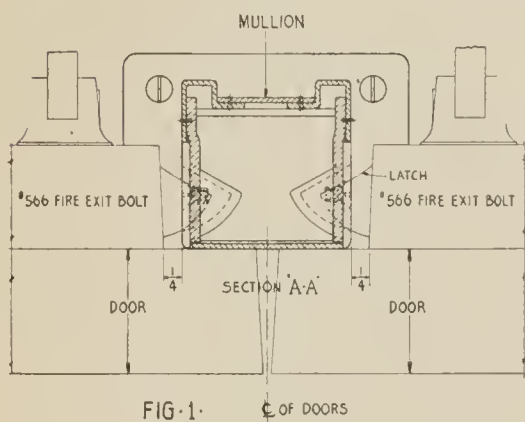
Specify Number and Finish.

Finishes described on pages 16 to 18.

Packed complete with screws.

Removable Mullion

Easily and Quickly Removed When A Full Double Door Opening is Desired
Eliminates the Use of Double Door Fire Exit Bolts



Requires no dead locking or top and bottom bolts as each door opens independent from the other.
Has protected latch bolt as no instrument can be inserted between latch bolt and strike (See Fig. 1).
Can be applied to old or new doors with equal satisfaction.
Can be furnished with filler plate (Fig. 2) for use with Threshold (Specify height of Threshold).

Number	Mullion	Size	Stop and Sill Fittings	Weight
0564	Wrought Metal	2 ³ / ₈ x 2 ³ / ₈ in.	Wrought Metal	39 lbs.

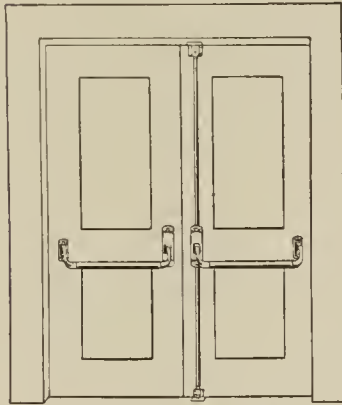
When ordering give height of door opening from stop to sill and state whether stone or wood.

Fire Exit Bolts

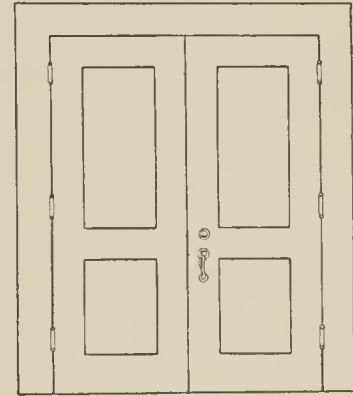
Patented

For Double Doors

Active Door Center Latching. Standing Door Top and Bottom Latching

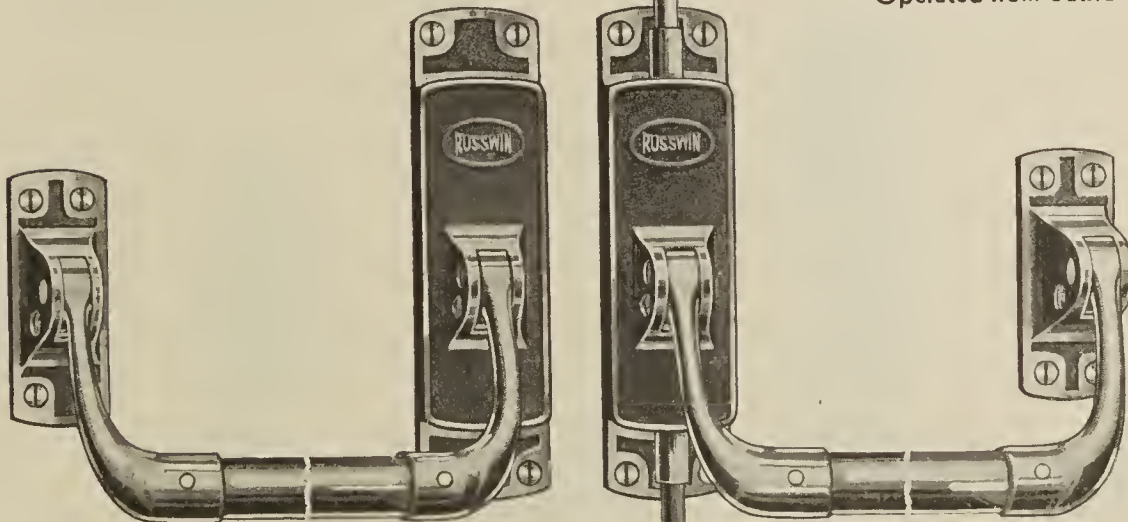


Inside. Bolt applied



Outside. With trim

Operated from outside by thumb piece



Polished Brass

or Bronze

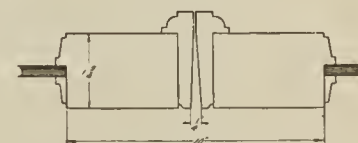
Number	Rods	Bar	Active Cases	Supporting Cases
60 x 66	1/2 in.	1 in.	8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in

Lock	Outside Trim	Weight
9452	420 Saybrook Handle	31 lbs.

Double-acting Bars

OPERATION: A slight push or pull on either bar instantly releases the doors from the inside. The key, through the outside cylinder on the No. 66 Bolt, locks and unlocks thumb piece on the outside. Latch bolt, on No. 66 bolt, can be held retracted by the key. The top and bottom latches on No. 60 bolt are automatically held retracted until door is closed. The horizontal bars can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of door without the necessity of operating the Exit Bolts.

For complete description of Bolt, No. 60, see page 403. Bolt, No. 66, see page 406. Lock, No. 9452, see page 304. Sectional Handle, No. 420 Saybrook, see page 196.



Recommended Split Astragal for Double Doors

Lock No. 9452, when applied to doors in pairs, is furnished with open back strike which permits the standing leaf of the door to open independently of the door to which the lock is applied, see page 340. Lock can be master-keyed and grand master-keyed in sets or keyed alike with other Russwin Cylinder Locks, see page 355.

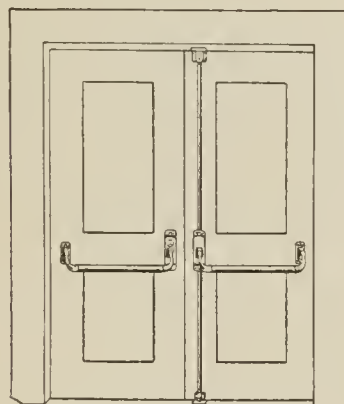
Not reversible. Specify hand and thickness of door. Instructions for ordering, see page 394.
Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

Fire Exit Bolts

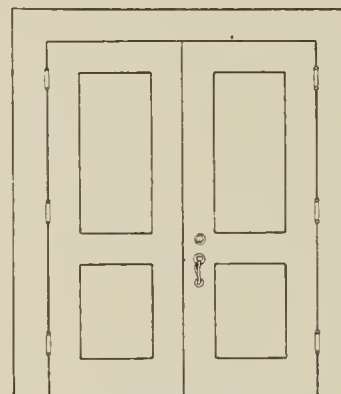
Patented

For Double Doors

Active Door Center Latching. Standing Door Top and Bottom Latching

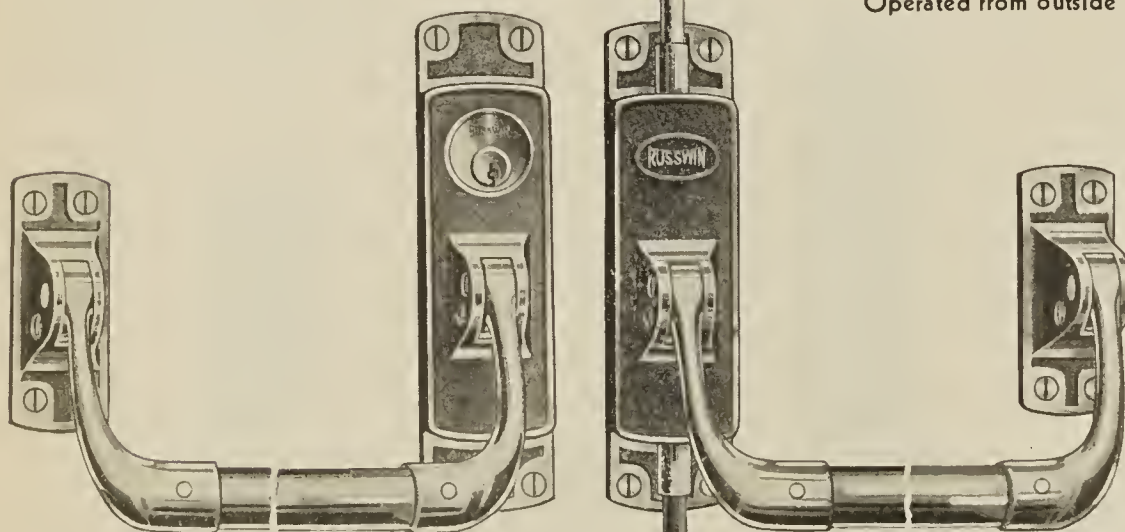


Inside. Bolt applied



Outside. With trim

Operated from outside by thumb piece



Polished Brass

or Bronze

Number	Rods	Bar	Active Cases	Supporting Cases
60 x 66 1/2	1/2 in.	1 in.	8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.

Lock	Outside Trim	Weight
9452 1/2	420 Saybrook Handle	31 lbs.

Double-acting Bars

OPERATION: A slight push or pull on either bar instantly releases the doors from the inside. The key, through the inside cylinder on No. 66 1/2 bolt, locks and unlocks thumb piece on the outside. Latch bolt, on No. 66 1/2 bolt, can be held retracted by key through inside cylinder. The top and bottom latches on No. 60 bolt are automatically held retracted until door is closed. The horizontal bars can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of doors without the necessity of operating the Exit Bolts.

For complete description of Bolt, No. 60, see page 403. Bolt, No. 66 1/2, see page 407. Lock, No. 9452 1/2, see page 304. Sectional Handle, No. 420 Saybrook, see Page 196.



Recommended split astragal for double doors

Lock No. 9452 1/2, when applied to doors in pairs, is furnished with open back strike which permits the standing leaf of the door to open independently of the door to which the lock is applied, see page 340. Lock can be master-keyed and grand master-keyed in sets or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

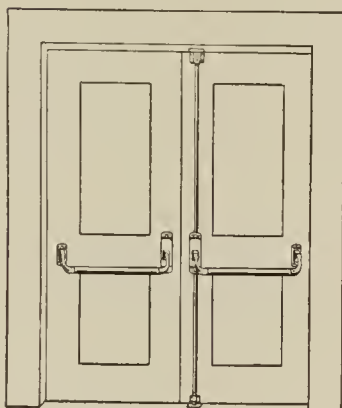
RUSSWIN

Fire Exit Bolts

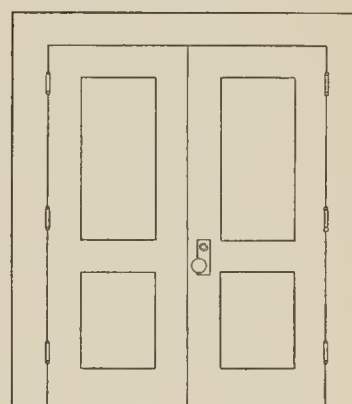
Patented

For Double Doors

Active Door Center Latching. Standing Door Top and Bottom Latching

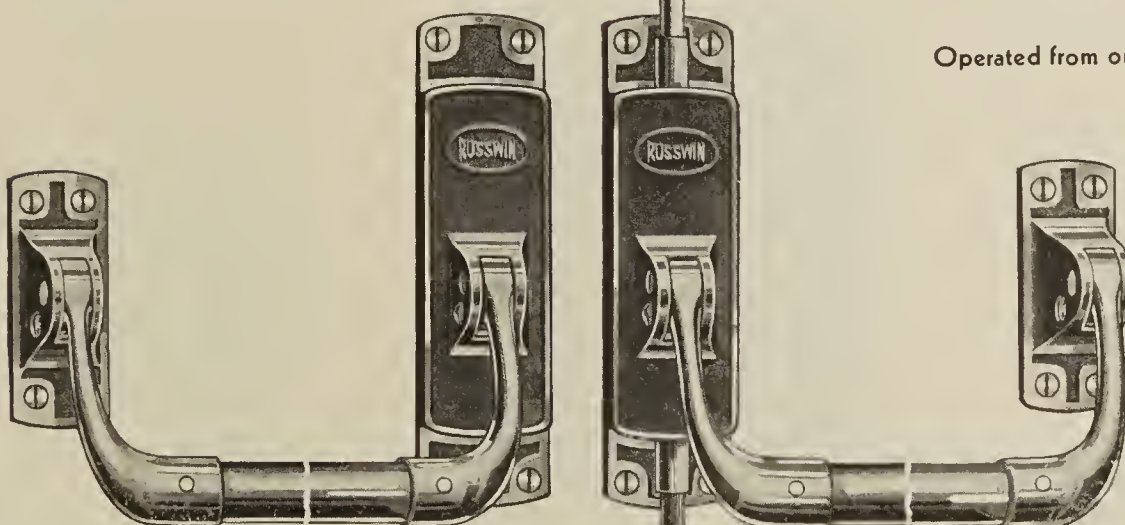


Inside. Bolt applied



Outside. With trim

Operated from outside by knob



Polished Brass

or Bronze

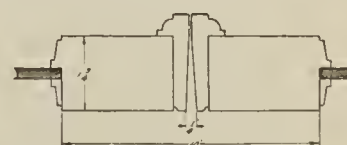
Number	Rods	Bar	Active Cases	Supporting Cases
60 x 67	1/2 in.	1 in.	8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.

Lock	Outside Trim	Weight
9458	K 3376 3/4, Esc. 3902 Enfield	31 1/2 lbs.

Double-acting Bars

OPERATION: A slight push or pull on either bar instantly releases the doors from the inside. The key, through the outside cylinder on No. 67 bolt, locks and unlocks knob on the outside. Latch bolt, on No. 67 bolt, can be held retracted by the key. The top and bottom latches on No. 60 bolt are automatically held retracted until door is closed. The horizontal bars can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of doors without the necessity of operating the Exit Bolts.

For complete description of Bolt, No. 60, see page 403. Bolt, No. 67, see page 408. Lock, No. 9458, see page 304. Knob, No. 3376 3/4, see page 220. Escutcheon No. 3902 Enfield, see page 45.



Recommended Split Astragal for Double Doors

Lock No. 9458, when applied to doors in pairs, is furnished with open back strike which permits the standing leaf of the door to open independently of the door to which lock is applied, see page 340. Lock can be master-keyed and grand master-keyed in sets or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

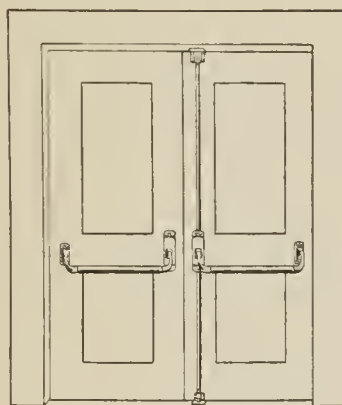
R&E
SINCE 1838

Fire Exit Bolts

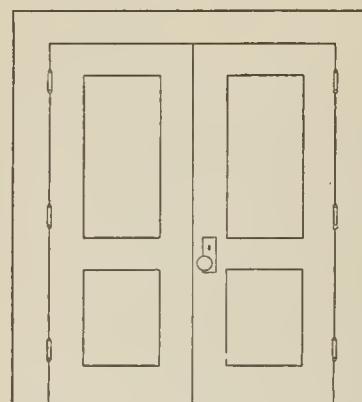
Patented

For Double Doors

Active Door Center Latching. Standing Door Top and Bottom Latching

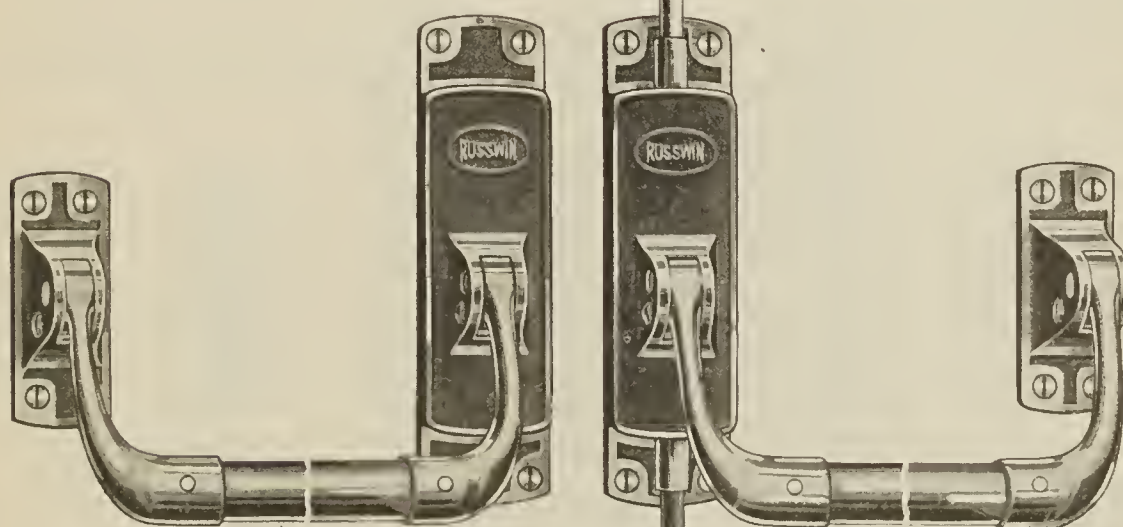


Inside. Bolt applied



Outside. With trim

Operated from outside by knob



Polished Brass or Bronze

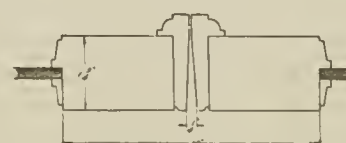
Number	Rods	Bar	Active Cases	Supporting Cases
60 x 68	1/2 in.	1 in.	8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.

Lock	Outside Trim	Weight
0444 3/4	K2383, Esc. 905 1/2 Roxbury,	25 1/2 lbs.

Double-acting Bars

OPERATION: A slight push or pull on either bar instantly releases the doors from the inside. The key, from the outside, locks and unlocks the knob. Latch bolt, on No. 68 bolt, can ONLY be held retracted when horizontal bar is held in depressed position. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of door without the necessity of operating the Exit Bolts. The top and bottom latches on the No. 60 bolt are automatically held retracted until door is closed.

For complete description of Bolt, No. 60, see page 403. Bolt, No. 68, see page 410. Lock, No. 0444 3/4, see page 305. Knob No. 2383, see page 221. Escutcheon No. 905 1/2 Roxbury, see page 166.



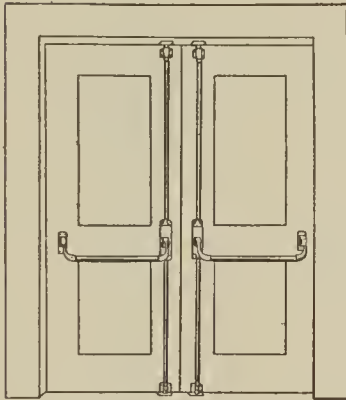
Recommended Split Astragal for Double Doors

Lock No. 0444 3/4, when applied to doors in pairs, is furnished with open back strike, which permits the standing leaf of the door to open independently of the door to which lock is applied, see page 340. Lock can be master-keyed and grand master-keyed in sets or keyed alike with other Russwin Bit-Key Locks, see page 355. Not reversible. Specify hand and thickness of door. Instructions for ordering, see page 394. Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

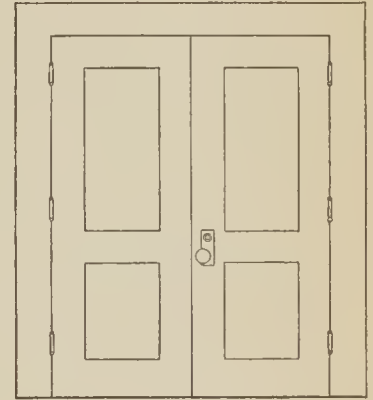
Rim Fire Exit Bolts

Patented

For Double Doors with Narrow Stiles
Top and Bottom Latching on Both Doors

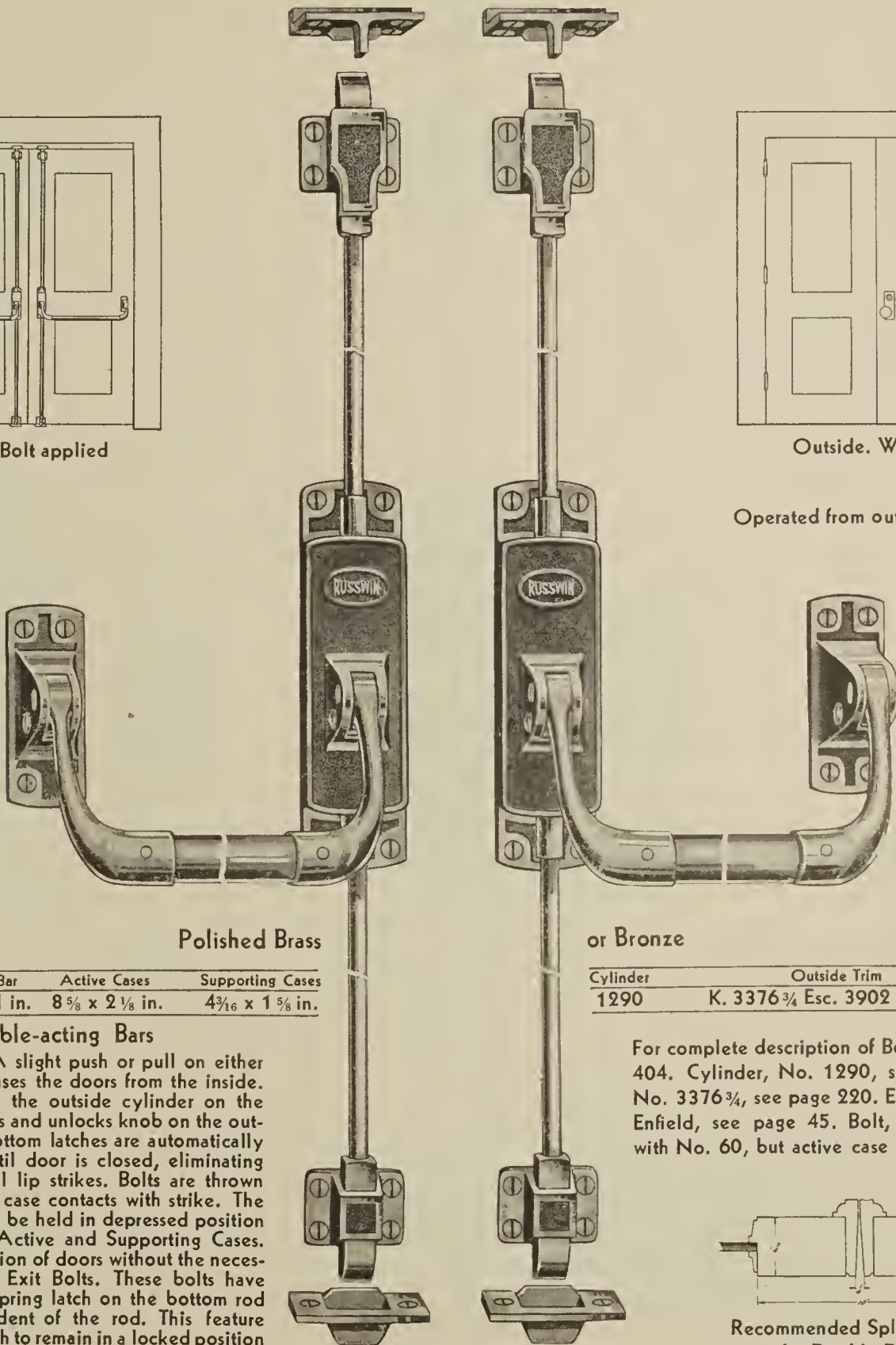


Inside. Bolt applied



Outside. With trim

Operated from outside by knob



Polished Brass

or Bronze

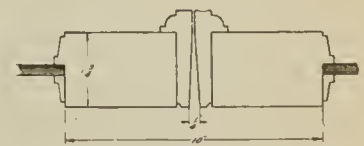
Number	Rods	Bar	Active Cases	Supporting Cases
63 x 65	1/2 in.	1 in.	8 5/8 x 2 1/8 in.	4 3/16 x 1 5/8 in.

Double-acting Bars

OPERATION: A slight push or pull on either bar instantly releases the doors from the inside. The key, through the outside cylinder on the No. 65 bolt, locks and unlocks knob on the outside. Top and bottom latches are automatically held retracted until door is closed, eliminating the use of special lip strikes. Bolts are thrown when trip on top case contacts with strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of doors without the necessity of operating Exit Bolts. These bolts have a compensating spring latch on the bottom rod working independent of the rod. This feature allows the top latch to remain in a locked position even when the bottom latch has been worked out of the strike, or in the event of the strike being obstructed.

Cylinder	Outside Trim	Weight
1290	K. 3376 3/4 Esc. 3902 Enfield	32 lbs.

For complete description of Bolt, No. 65, see page 404. Cylinder, No. 1290, see page 341. Knob, No. 3376 3/4, see page 220. Escutcheon, No. 3902 Enfield, see page 45. Bolt, No. 63 is identical with No. 60, but active case size of No. 65.



Recommended Split Astragal
for Double Doors

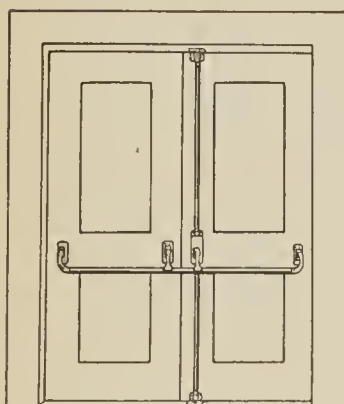
Can be master-keyed, grand master-keyed in sets, or keyed alike with other Russwin Cylinder Locks, see page 355.
Not reversible. Specify hand and thickness of door. Instructions for ordering, see page 394.
Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

Fire Exit Bolts

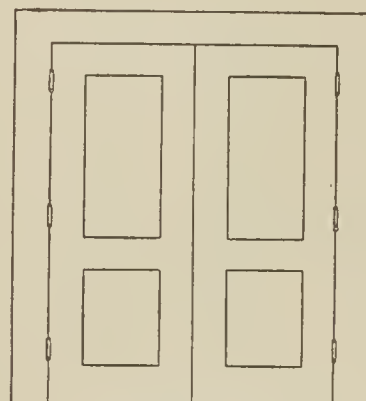
Patented

For Double Exit Doors

Top and Bottom Latching. Bolts Operated by Cross Bar on Both Doors

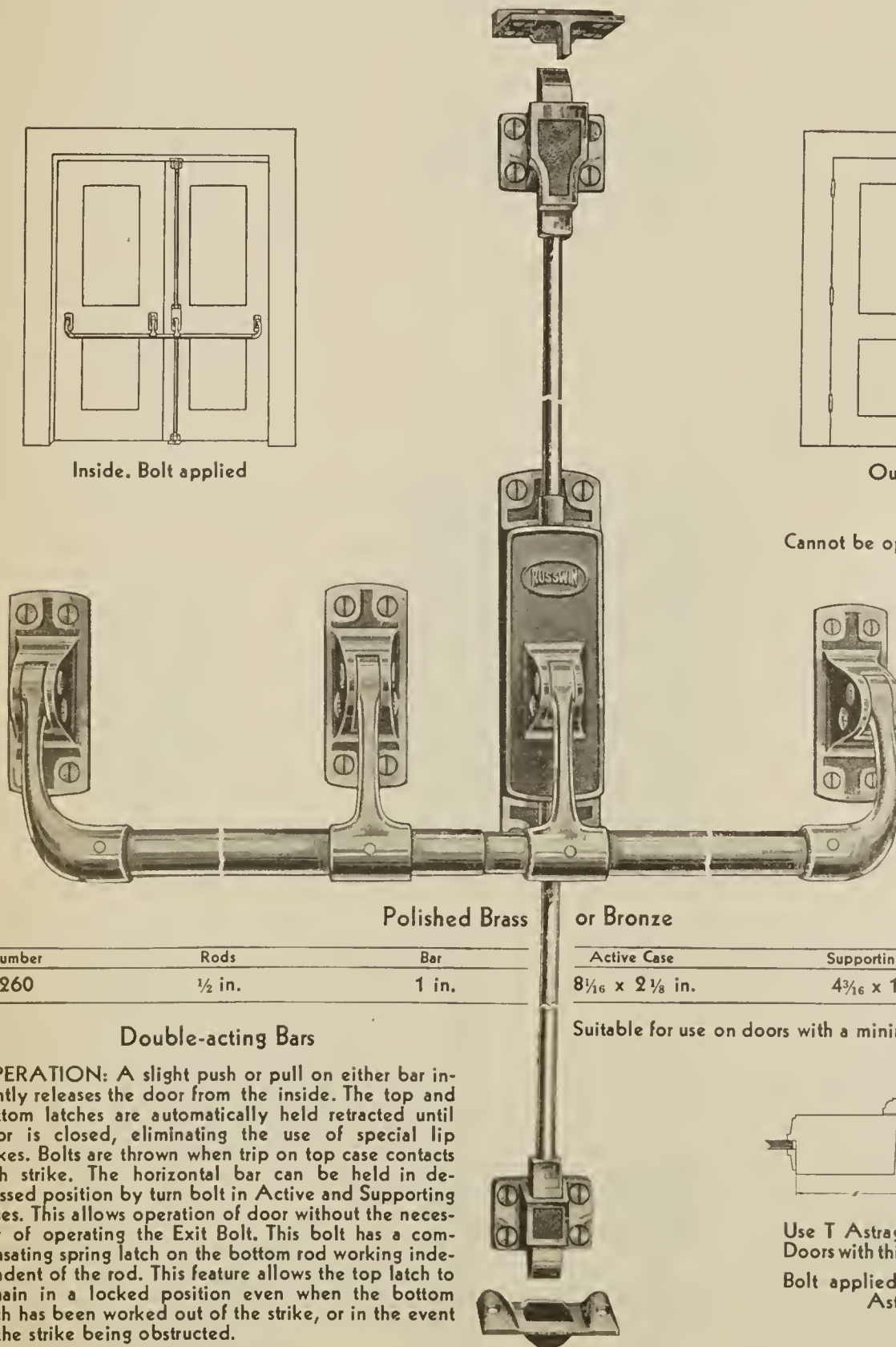


Inside. Bolt applied



Outside. No trim

Cannot be opened from the outside



Polished Brass

or Bronze

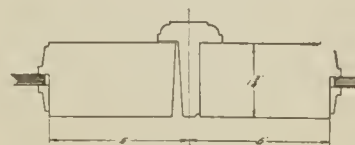
Number	Rods	Bar
260	1/2 in.	1 in.

Active Case	Supporting Cases	Weight
8 1/16 x 2 1/8 in.	4 3/16 x 1 5/8 in.	22 lbs.

Double-acting Bars

OPERATION: A slight push or pull on either bar instantly releases the door from the inside. The top and bottom latches are automatically held retracted until door is closed, eliminating the use of special lip strikes. Bolts are thrown when trip on top case contacts with strike. The horizontal bar can be held in depressed position by turn bolt in Active and Supporting Cases. This allows operation of door without the necessity of operating the Exit Bolt. This bolt has a compensating spring latch on the bottom rod working independent of the rod. This feature allows the top latch to remain in a locked position even when the bottom latch has been worked out of the strike, or in the event of the strike being obstructed.

Suitable for use on doors with a minimum width of two feet each.



Use T Astragal on Double Doors with this type of Bolts.
Bolt applied to door with Astragal

To use this type of Bolt the meeting stiles of doors should have T Astragals. Not suitable for double doors having flat-faced meeting stiles, or doors equipped with Split Astragals. For double doors with flat face or Split Astragals, 2 Bolts of No. 60 type should be used.

Not reversible.

Specify hand of door.

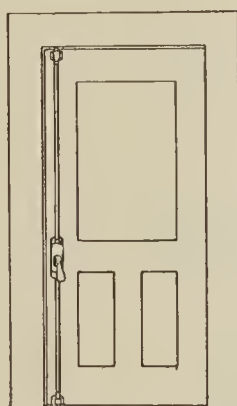
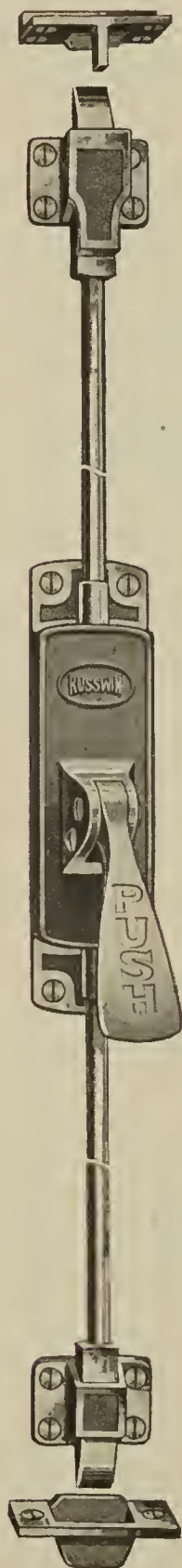
Instructions for ordering, see page 394.

Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

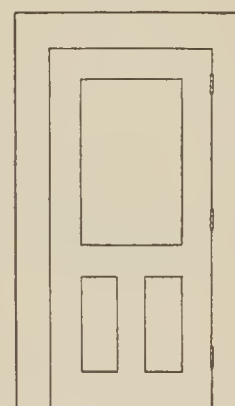
Fire Exit Bolts

Patented

For Single Exit Doors or Standing Leaf of Double Exit Doors, Opening Out
Top and Bottom Latching



Inside. Bolt applied



Outside. No trim

Cannot be opened from outside

Polished Brass or Bronze

Number	Rod	Active Case	End Cases	Weight
90	1/2 in.	8 1/16 x 2 1/8 in.	1 1/2 x 2 1/8 in.	9 lbs.

Double-acting Push Lever

OPERATION: A slight push or pull on the push lever instantly releases the door from the inside. The top and bottom latches are automatically held retracted until door is closed, eliminating the use of special lip strikes. Bolts are thrown when trip on top case contacts with strike. The push lever can be held in depressed position by turn bolt in Active Case. This allows operation of door without the necessity of operating the Exit Bolt. This bolt has a compensating spring latch on the bottom rod working independent of the rod. This feature allows the top latch to remain in a locked position even when the bottom latch has been worked out of the strike, or in the event of the strike being obstructed.

Reversible for either right or left hand reverse bevel doors.

Specify Number and Finish.

Finishes described on pages 16 to 18.

Instructions for ordering, see page 394.

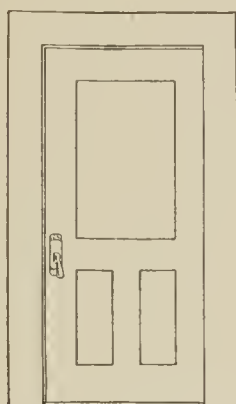
Packed complete with screws.

Fire Exit Bolts

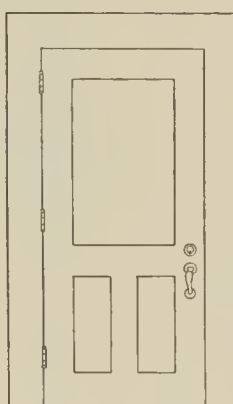
Patented

For Single Doors

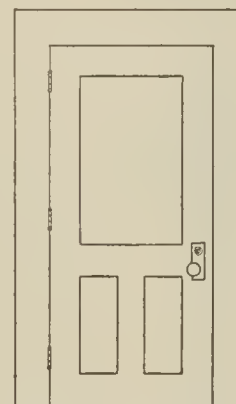
Center Latching



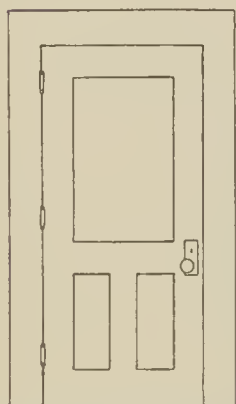
96, 97, 98, 99, 99A
Inside. Bolt applied



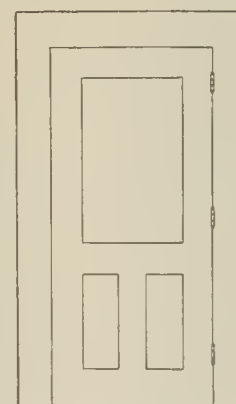
96 Outside. With trim.
Operated from outside
by thumb piece



97 Outside. With trim.
Operated from outside
by knob



98 Outside. With trim.
Operated from outside
by knob



99, 99A Outside. No trim.
Cannot be opened from the
outside

Polished Brass or Bronze

Number	Case	Lock	Page	Outside Trim	Weight
96	8 $\frac{1}{16}$ x 2 $\frac{1}{8}$ in.	*9452	304	Handle 420 Saybrook, page 196	9 lbs.
97	8 $\frac{1}{16}$ x 2 $\frac{1}{8}$ in.	*9458	304	Knob 3376 $\frac{3}{4}$, page 220. Escutcheon 3902 Enfield, page 45	7 $\frac{1}{4}$ lbs.
98	8 $\frac{1}{16}$ x 2 $\frac{1}{8}$ in.	*0444 $\frac{3}{4}$	305	Knob 2383, page 221. Escutcheon 905 $\frac{1}{2}$ Roxbury, page 166	6 $\frac{1}{2}$ lbs.
99	8 $\frac{1}{16}$ x 2 $\frac{1}{8}$ in.	0440	306	None	4 $\frac{1}{2}$ lbs.
99A	8 $\frac{1}{16}$ x 2 $\frac{1}{8}$ in.	0441	306	None	4 $\frac{1}{2}$ lbs.

Double-acting Push Lever

OPERATION: A slight push or pull on the push lever instantly releases the door from the inside. No. 96, the key, through outside cylinder, locks and unlocks thumb piece on the outside. No. 97, the key, through outside cylinder, locks and unlocks the knob on the outside. No. 98, the key, from the outside, locks and unlocks the knob. When knob is unlocked auxiliary latch is held in a retracted position. No. 99, operated **ONLY** by push lever from inside. No. 99A, operated **ONLY** by push lever from inside. When thumb piece or knob is locked on the No. 96 and 97, latch bolt may be held in a retracted position by pushing latch bolt in with the finger and turning key toward back of lock. Latch bolt on the No. 98, 99, and 99A can **ONLY** be held retracted when push lever is held in depressed position. The push lever can be held in depressed position by turn bolt in case. This allows operation of door without the necessity of operating the Exit Bolt.

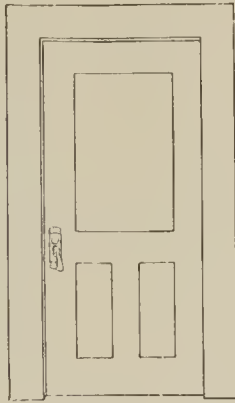
*Can be master-keyed and grand master-keyed in sets, or keyed alike with other Russwin Locks, see page 355.
 Not reversible. Specify hand and thickness of door. Instructions for ordering, see page 394.
 Specify Number and Finish. Finishes described on pages 16 to 18. Packed complete with screws.

Fire Exit Bolts

Patented

For Single Doors

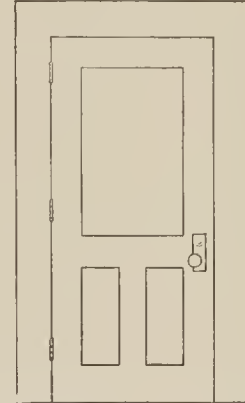
Center Latching



96½, 97½ Inside.
Bolt applied



96½ Outside. With trim.
Operated from outside by
thumb piece



97½ Outside. With trim.
Operated from outside
by knob



Polished Brass or Bronze

Number	Case	Lock	Page	Outside Trim	Weight
96½	8 1/16 x 2 1/8 in.	9452½	304	Handle 420 Saybrook, page 196	9½ lbs.
97½	8 1/16 x 2 1/8 in.	9458½	304	Knob 3376¾, page 220. Escutcheon 3902 Enfield, page 45	7¾ lbs.

Double-acting Push Lever

OPERATION: A slight push or pull on the push lever instantly releases the door from the inside. No. 96½, the key, through the inside cylinder, locks and unlocks thumb piece on the outside. When locked against thumb piece, through inside cylinder, entrance may be had from outside by turning key in outside cylinder, which retracts the latch bolt but does not release the thumb piece. No. 97½, the key, through the inside cylinder, locks and unlocks the knob on the outside. When locked against knob, through inside cylinder, entrance may be had from outside by turning key in outside cylinder, which retracts the latch bolt but does not release the knob. When thumb piece or knob is locked on the No. 96½ and 97½, latch bolt may be held in retracted position by pushing latch bolt in with finger and turning key through inside cylinder toward back of lock. The push lever can be held in depressed position by turn bolt in case. This allows operation of door without the necessity of operating the Exit Bolts.

Locks can be master-keyed and grand master-keyed in sets, or keyed alike with other Russwin Cylinder Locks, see page 355.

Not reversible.

Specify hand and thickness of door.

Instructions for ordering, see page 394.

Specify Number and Finish.

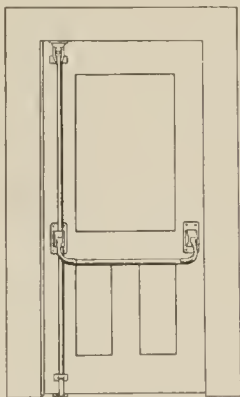
Finishes described on pages 16 to 18.

Packed complete with screws.

Fire Exit Bolts

Patented

Brass, Bronze or Iron



Inside. Bolt applied

PERTINENT FEATURES

Competitive Stock Type

3/4 in. Cross Bar

Gravity Locking

Top and Bottom Latching

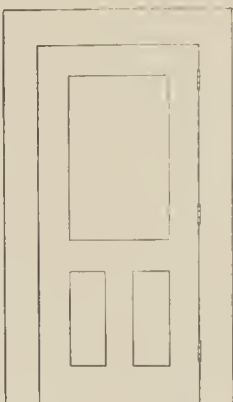
For Exit Doors Only

No Outside Trim

Dogging Device both Cases

Compensating Rod Ends

Single Acting Cross Bar



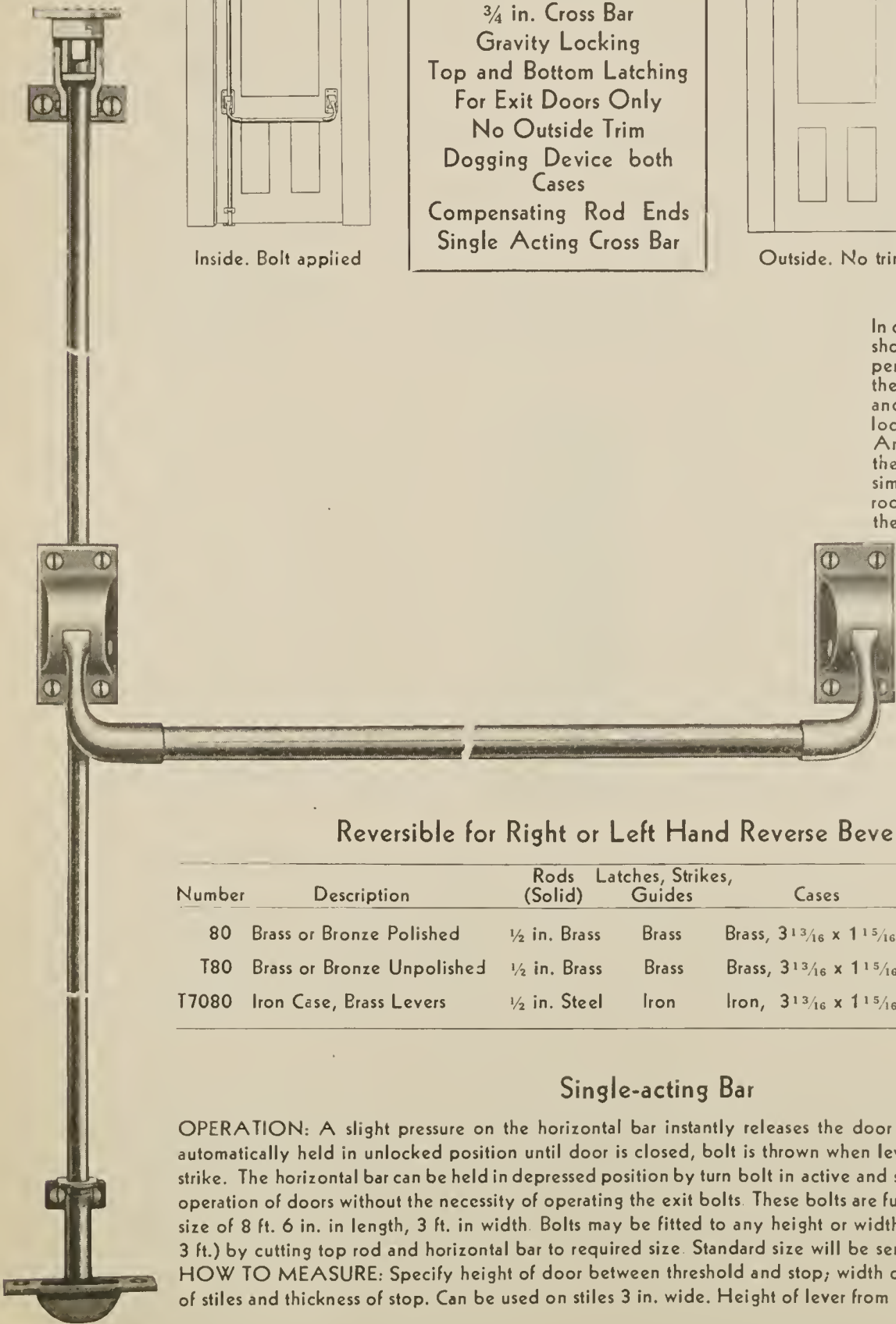
Outside. No trim



COMPENSATING ROD END

In case the opening in the strike should be obstructed the compensating rod end slides up on the rod, riding the obstruction and allowing the top bolt to lock securely.

Any attempt at forcing back the bolt from under the door simply raises the compensating rod end and does not release the top lock.



Reversible for Right or Left Hand Reverse Bevel Doors

Number	Description	Rods (Solid)	Latches, Strikes, Guides	Cases	Bar (tubing)	Weight
80	Brass or Bronze Polished	1/2 in. Brass	Brass	Brass, 3 13/16 x 1 15/16 in.	3/4 in. Brass	10 1/2 lbs.
T80	Brass or Bronze Unpolished	1/2 in. Brass	Brass	Brass, 3 13/16 x 1 15/16 in.	3/4 in. Brass	10 1/2 lbs.
T7080	Iron Case, Brass Levers	1/2 in. Steel	Iron	Iron, 3 13/16 x 1 15/16 in.	3/4 in. Steel	10 1/2 lbs.

Single-acting Bar

OPERATION: A slight pressure on the horizontal bar instantly releases the door from the inside. The bolt is automatically held in unlocked position until door is closed, bolt is thrown when lever on top case contacts with strike. The horizontal bar can be held in depressed position by turn bolt in active and supporting cases. This allows operation of doors without the necessity of operating the exit bolts. These bolts are furnished for stock, in standard size of 8 ft. 6 in. in length, 3 ft. in width. Bolts may be fitted to any height or width of door (under 8 ft. 6 in. x 3 ft.) by cutting top rod and horizontal bar to required size. Standard size will be sent unless otherwise specified. HOW TO MEASURE: Specify height of door between threshold and stop; width of door between stops; width of stiles and thickness of stop. Can be used on stiles 3 in. wide. Height of lever from floor, 38 in.

Specify Number and Finish.

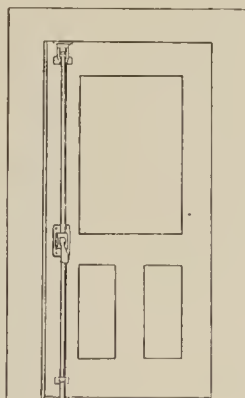
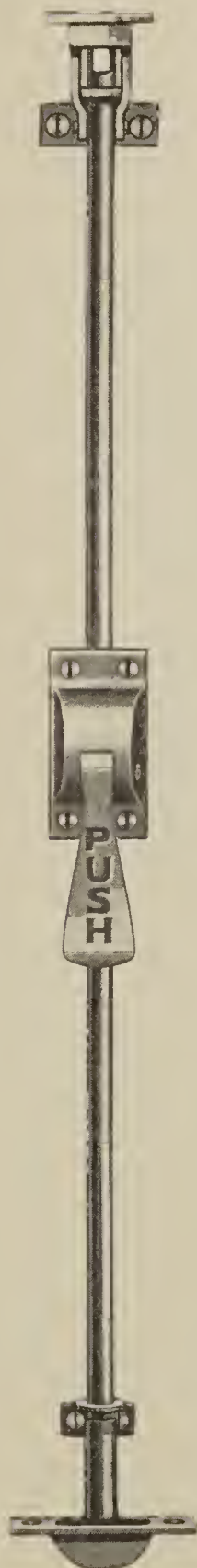
Packed complete with Screws.

Finishes described on pages 16 to 18.

Fire Exit Bolts

Patented

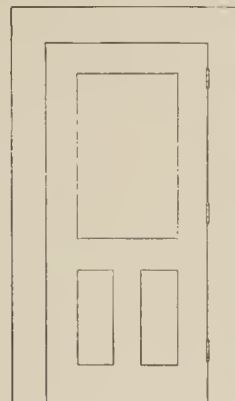
Brass, Bronze or Iron



Inside. Bolt applied

PERTINENT FEATURES

Competitive Stock Type
Where Cross Bar is not
required
Gravity Locking
Top and Bottom Latching
For Exit Doors Only
No Outside Trim
Dogging Device
Compensating Rod End
Single Acting Paddle



Outside. No trim



COMPENSATING ROD END

In case the opening in the strike should be obstructed the compensating rod end slides up on the rod, riding the obstruction and allowing the top bolt to lock securely.

Any attempt at forcing back the bolt from under the door simply raises the compensating rod end and does not release the top lock.

Reversible for Right or Left Hand Reverse Bevel Doors

Number	Description	Rods	Latches, Strikes, Guides	Case	Weight
080	Brass or Bronze Polished	½ in. Brass	Brass	Brass, 3 13/16 x 1 15/16 in.	9 lbs.
T080	Brass or Bronze Unpolished	½ in. Brass	Brass	Brass, 3 13/16 x 1 15/16 in.	9 lbs.
T07080	Iron Case, Brass Paddle	½ in. Steel	Iron	Iron, 3 13/16 x 1 15/16 in.	9 lbs.

With Single-acting Paddle

OPERATION: A slight pressure on the paddle instantly releases the door from the inside. The bolt is automatically held in unlocked position until door is closed; bolt is thrown when lever on top case contacts with the strike. The paddle can be held in depressed position by turn bolt in case. This allows operation of doors without the necessity of operating the Exit Bolt. These bolts are furnished for stock, in standard size of 8 ft. 6 in. in length. Bolts may be fitted to any height of door (under 8 ft. 6 in.) by cutting top rod. Standard size will be sent unless otherwise specified.

HOW TO MEASURE: Specify height of door between threshold and stop; width of stiles and thickness of stop. Can be used on stiles 3 in. wide. Height of lever from floor, 38 in.

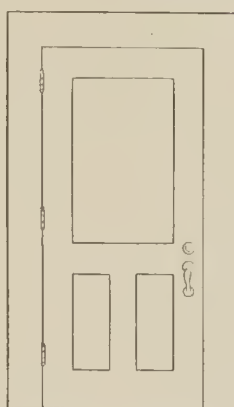
Specify Number and Finish.

Finishes described on pages 16 to 18.

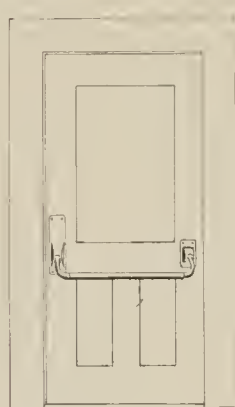
Packed complete with screws.

Fire Exit Bolts

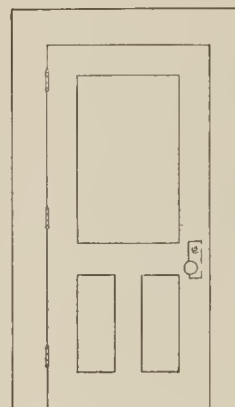
Patented
Brass, Bronze or Iron



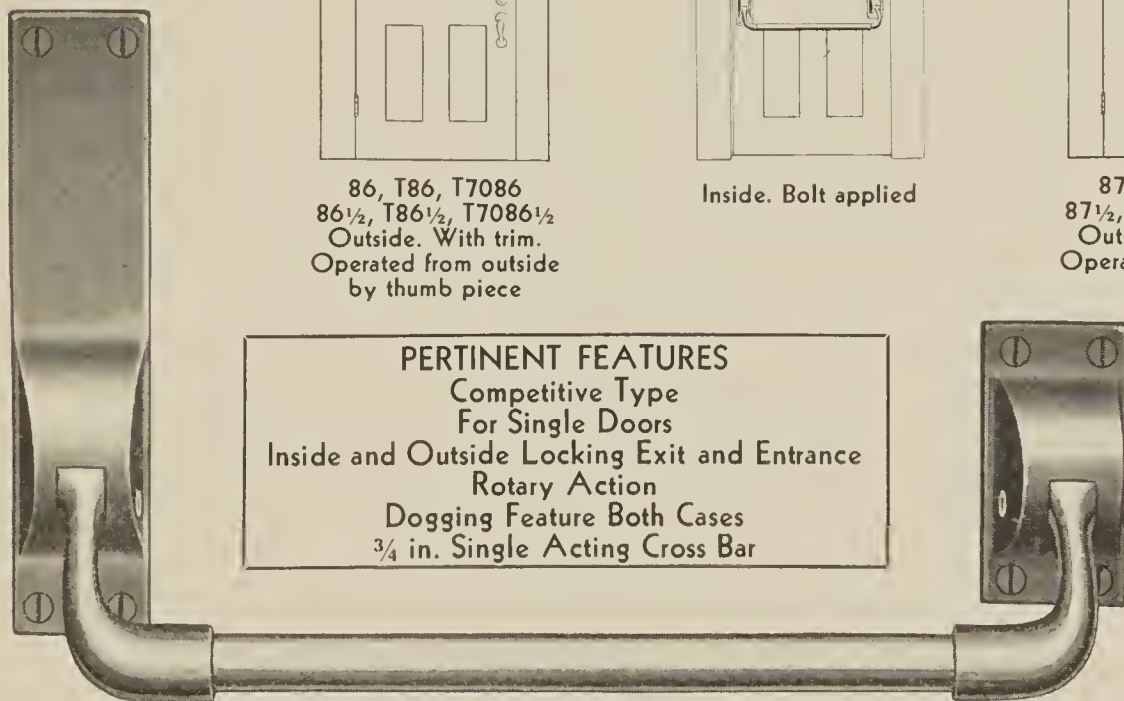
86, T86, T7086
86½, T86½, T7086½
Outside. With trim.
Operated from outside
by thumb piece



Inside. Bolt applied



87, T87, T7087
87½, T87½, T7087½
Outside. With trim.
Operated from outside
by knob



PERTINENT FEATURES
Competitive Type
For Single Doors
Inside and Outside Locking Exit and Entrance
Rotary Action
Dogging Feature Both Cases
¾ in. Single Acting Cross Bar

Active Case: 8 1/16 x 1 5/16 in. have Cylinder in Inside Case

Supporting Case: 3 13/16 x 1 15/16 in.

Number	Cases	Bar (Tubing)	Lock	Page	Outside Trim	Page	Weight
86	Brass or Bronze Polished	¾ in. Brass	9452	304	Handle 420 Prockter	195	11 ½ lbs.
T86	Brass or Bronze Unpolished	¾ in. Brass	9452	304	Handle 420 Prockter	195	11 ½ lbs.
T7086	Iron Case, Brass Levers	¾ in. Steel	9452	304	Handle 420 Prockter	195	11 ½ lbs.
86½	Brass or Bronze Polished	¾ in. Brass	9452½	304	Handle 420 Prockter	195	11 ½ lbs.
T86½	Brass or Bronze Unpolished	¾ in. Brass	9452½	304	Handle 420 Prockter	195	11 ½ lbs.
T7086½	Iron Case, Brass Levers	¾ in. Steel	9452½	304	Handle 420 Prockter	195	11 ½ lbs.
86NT	Brass or Bronze Polished	¾ in. Brass	9452	304	Handle 420 Prockter no TP	195	11 ½ lbs.
T86NT	Brass or Bronze Unpolished	¾ in. Brass	9452	304	Handle 420 Prockter no TP	195	11 ½ lbs.
T7086NT	Iron Case, Brass Levers	¾ in. Steel	9452	304	Handle 420 Prockter no TP	195	11 ½ lbs.
86½NT	Brass or Bronze Polished	¾ in. Brass	9452½	304	Handle 420 Prockter no TP	195	11 ½ lbs.
T86½NT	Brass or Bronze Unpolished	¾ in. Brass	9452½	304	Handle 420 Prockter no TP	195	11 ½ lbs.
T7086½NT	Iron Case, Brass Levers	¾ in. Steel	9452½	304	Handle 420 Prockter no TP	195	11 ½ lbs.
87	Brass or Bronze Polished	¾ in. Brass	9458	304	K2376 Esc. 3902 Enfield	45	11 ½ lbs.
T87	Brass or Bronze Unpolished	¾ in. Brass	9458	304	K2376 Esc. 3902 Enfield	45	11 ½ lbs.
T7087	Iron Case, Brass Levers	¾ in. Steel	9458	304	K2376 Esc. 3902 Enfield	45	11 ½ lbs.
87½	Brass or Bronze Polished	¾ in. Brass	9458½	304	K2376 Esc. 3902 Enfield	45	11 ½ lbs.
T87½	Brass or Bronze Unpolished	¾ in. Brass	9458½	304	K2376 Esc. 3902 Enfield	45	11 ½ lbs.
T7087½	Iron Case, Brass Levers	¾ in. Steel	9458½	304	K2376 Esc. 3902 Enfield	45	11 ½ lbs.

OPERATION: A slight pressure on the bar instantly releases the door from inside. The horizontal bar can be held in depressed position by turn bolt in active and supporting cases. This allows operation of doors without the necessity of operating the exit bolt. Latch bolt of lock can be held retracted by key.

Numbers 86, T86, T7086: The key through outside cylinder locks and unlocks thumb piece on outside.

Numbers 86½, T86½, T7086½: The key through outside cylinder unlocks bolt from outside. Door is locked by key through inside cylinder.

Numbers 86NT, T86NT, T7086NT: The key through outside cylinder unlocks the door from outside. Door is always locked unless latch bolt is held retracted by key. Handle has no thumb piece.

Numbers 86½NT, T86½NT, T7086½NT: The key through outside cylinder unlocks bolt from outside. Door is locked by key through inside cylinder. Handle has no thumb piece.

Numbers 87, T87, T7087: The key through outside cylinder locks and unlocks the knob on outside.

Numbers 87½, T87½, T7087½: The key through outside cylinder unlocks bolt from outside. Bolt is locked by key through inside cylinder.

Not reversible. Specify hand and thickness of door. Instructions for ordering, see page 394. Finishes described on pages 16 to 18.

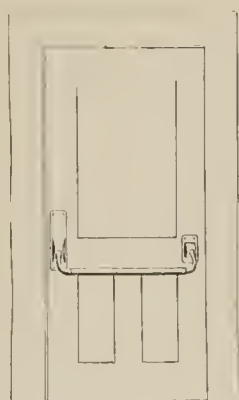
Specify Number of Bolt and Finish.

Packed complete with Screws.

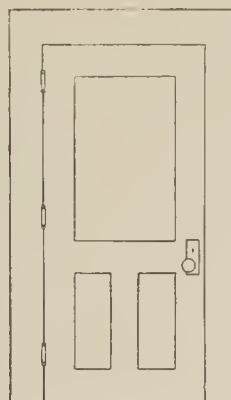
Fire Exit Bolts

Patented

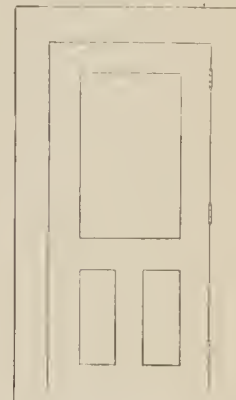
Brass, Bronze or Iron



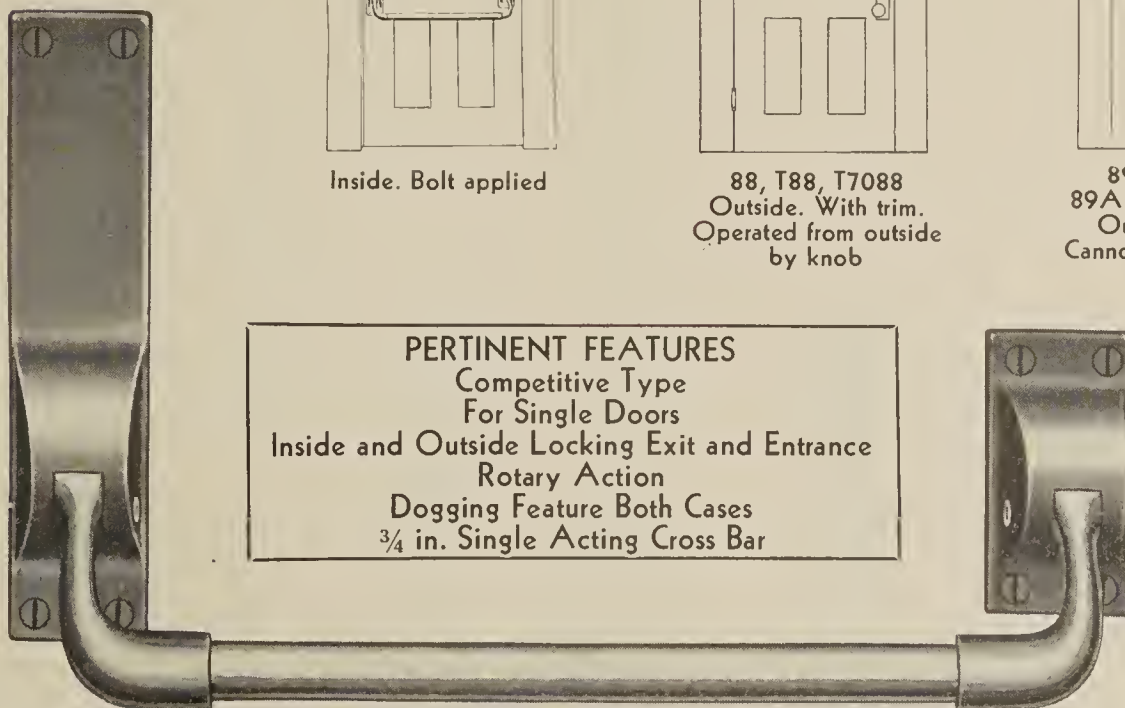
Inside. Bolt applied



88, T88, T7088
Outside. With trim.
Operated from outside
by knob



89, T89, T7089
89A, T89A, T7089A
Outside. No trim.
Cannot be opened from
outside



Active Case: 8¹/₁₆ x 1¹⁵/₁₆ in.

Supporting Case: 3¹³/₁₆ x 1¹⁵/₁₆ in.

PERTINENT FEATURES
Competitive Type
For Single Doors
Inside and Outside Locking Exit and Entrance
Rotary Action
Dogging Feature Both Cases
3/4 in. Single Acting Cross Bar

Number	Cases	Bar (Tubing)	Lock	Page	Outside Trim	Page	Weight
88	Brass or Bronze Polished	3/4 in. Brass	0444 ³ / ₄	305	Knob 2383 Esc. 905 ¹ / ₂ Roxbury	166	9 ³ / ₄ lbs.
T88	Brass or Bronze Unpolished	3/4 in. Brass	0444 ³ / ₄	305	Knob 2383 Esc. 905 ¹ / ₂ Roxbury	166	9 ³ / ₄ lbs.
T7088	Iron Case, Brass Levers	3/4 in. Steel	0444 ³ / ₄	305	Knob 2383 Esc. 905 ¹ / ₂ Roxbury	166	9 ³ / ₄ lbs.
89	Brass or Bronze Polished	3/4 in. Brass	0440	306	None		8 ¹ / ₄ lbs.
T89	Brass or Bronze Unpolished	3/4 in. Brass	0440	306	None		8 ¹ / ₄ lbs.
T7089	Iron Case, Brass Levers	3/4 in. Steel	0440	306	None		8 ¹ / ₄ lbs.
89A	Brass or Bronze Polished	3/4 in. Brass	0441	306	None		8 ¹ / ₄ lbs.
T89A	Brass or Bronze Unpolished	3/4 in. Brass	0441	306	None		8 ¹ / ₄ lbs.
T7089A	Iron Case, Brass Levers	3/4 in. Steel	0441	306	None		8 ¹ / ₄ lbs.

OPERATION: A slight pressure on the bar instantly releases the door from the inside. The horizontal bar can be held in a depressed position by turn bolt in active and supporting cases. This allows operation of doors without necessity of operating the exit bolt.

Numbers 88, T88, T7088: Bit key from outside locks and unlocks outside knob. When knob is unlocked auxiliary latch which deadlocks latch bolt is held in a retracted position.

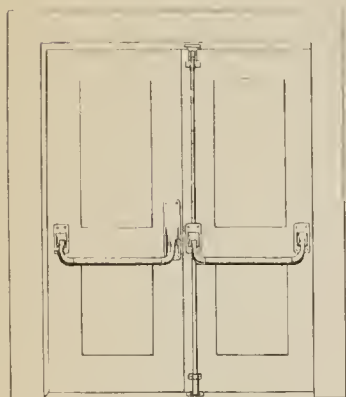
Numbers 89, T89, T7089: Furnished with latch having recessed face operated only by bar from inside. No outside trim.

Numbers 89A, T89A, T7089A: Furnished with latch having auxiliary dead locking latch, operated only by bar from inside. No outside trim.

Not reversible. Specify hand and thickness of door. Instructions for ordering, see page 394. Finishes described on pages 16 to 18. Specify Number of Bolt and Finish. Packed complete with Screws.

Fire Exit Bolts

Patented
Brass, Bronze or Iron



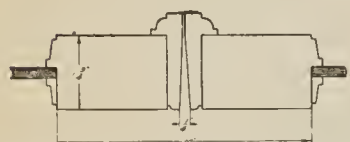
Inside. Bolt applied



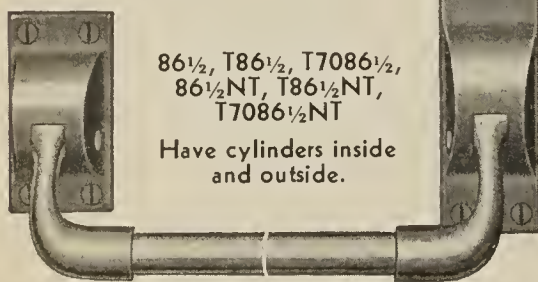
80 x 86, T80 x T86, T7080 x T7086, 80 x 86½,
T80 x T86½, T7080 x T7086½, 80 x 86NT,
80 x T86NT, T7080 x T7086NT
Outside. With trim.

PERTINENT FEATURES

Competitive Type—For Double Doors
Inside and Outside Locking Exit and Entrance
Rotary Action—Dogging Feature Both Cases
¾ in. Single Acting Cross Bar
Gravity Top and Bottom Latching
Compensating Rod Ends



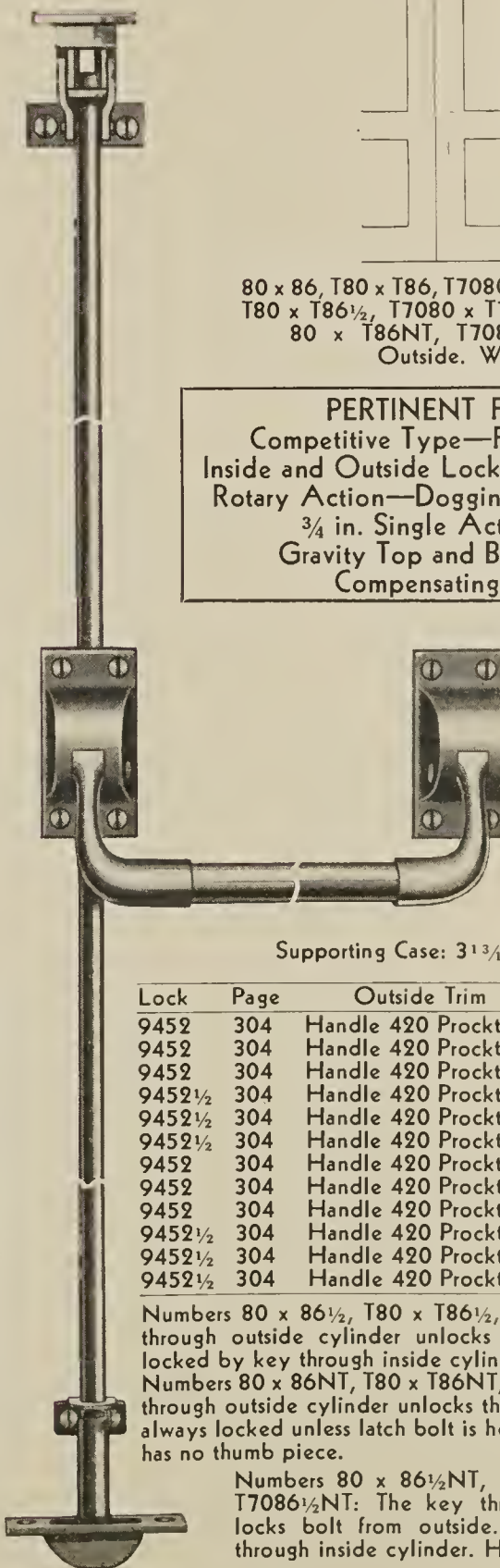
Use split astragal on double doors
with this type of bolts.



86½, T86½, T7086½,
86½NT, T86½NT,
T7086½NT

Have cylinders inside
and outside.

Active Case: 8 1/16 x 1 15/16 in.



Supporting Case: 3 13/16 x 1 15/16 in.

Number	Cases	Bar (tub'g)	Rods (Solid)
80 x 86	Brass Polished	¾ in. Brass	Brass
T80 x T86	Brass Unpolished	¾ in. Brass	Brass
T7080 x T7086	Iron Case, Brass Lever	¾ in. Steel	Steel
80 x 86½	Brass Polished	¾ in. Brass	Brass
T80 x T86½	Brass Unpolished	¾ in. Brass	Brass
T7080 x T7086½	Iron Case, Brass Lever	¾ in. Steel	Steel
80 x 86NT	Brass Polished	¾ in. Brass	Brass
T80 x T86NT	Brass Unpolished	¾ in. Brass	Brass
T7080 x T7086NT	Iron Case, Brass Lever	¾ in. Steel	Steel
80 x 86½NT	Brass Polished	¾ in. Brass	Brass
T80 x T86½NT	Brass Unpolished	¾ in. Brass	Brass
T7080 x T7086½NT	Iron Case, Brass Lever	¾ in. Steel	Steel

OPERATION: A slight pressure on either bar instantly releases the door from inside. The bolt on No. 80, T80 or T7080 is automatically held retracted until door is closed. The horizontal bars can be held in depressed position by turn bolt in active and supporting cases. This allows operation of doors without the necessity of operating the Exit Bolt. Latch bolt of Lock can be held retracted by key.

Numbers 80 x 86, T80 x T86, T7080 x T7086: The key through outside cylinder locks and unlocks thumb piece on outside.

Lock	Page	Outside Trim	Page	Weight
9452	304	Handle 420 Prockter	195	22 lbs.
9452	304	Handle 420 Prockter	195	22 lbs.
9452	304	Handle 420 Prockter	195	22 lbs.
9452½	304	Handle 420 Prockter	195	22 lbs.
9452½	304	Handle 420 Prockter	195	22 lbs.
9452½	304	Handle 420 Prockter	195	22 lbs.
9452	304	Handle 420 Prockter, no TP	195	22 lbs.
9452	304	Handle 420 Prockter, no TP	195	22 lbs.
9452	304	Handle 420 Prockter, no TP	195	22 lbs.
9452½	304	Handle 420 Prockter, no TP	195	22 lbs.
9452½	304	Handle 420 Prockter, no TP	195	22 lbs.
9452½	304	Handle 420 Prockter, no TP	195	22 lbs.

Numbers 80 x 86½, T80 x T86½, T7080 x T7086½: The key through outside cylinder unlocks bolt from outside. Door is locked by key through inside cylinder.

Numbers 80 x 86NT, T80 x T86NT, T7080 x T7086NT: The key through outside cylinder unlocks the door from outside. Door is always locked unless latch bolt is held retracted by key. Handle has no thumb piece.

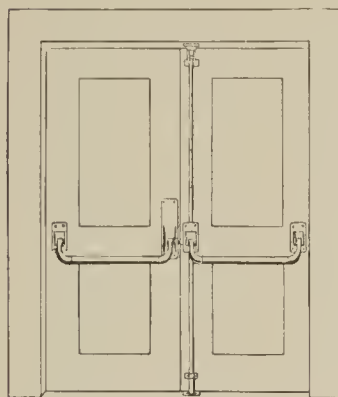
Numbers 80 x 86½NT, T80 x T86½NT, T7080 x T7086½NT: The key through outside cylinder unlocks bolt from outside. Door is locked by key through inside cylinder. Handle has no thumb piece.

Locks can be master-keyed and grand master-keyed in sets or keyed alike with other Russwin Cylinder Locks, see page 355.
Not reversible. Specify hand and thickness of door. Instructions for ordering, see page 355. Finishes described on pages 16 to 18.
Specify Number of Bolt and Finish.

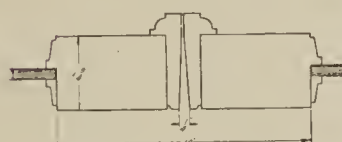
Packed complete with Screws.

Fire Exit Bolts

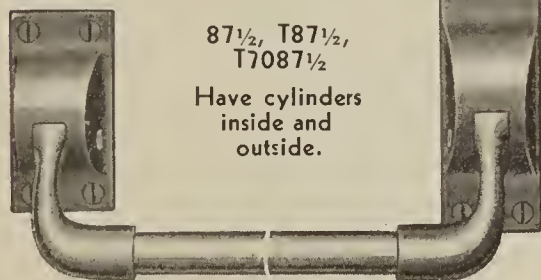
Patented
Brass, Bronze or Iron



Inside. Bolt applied

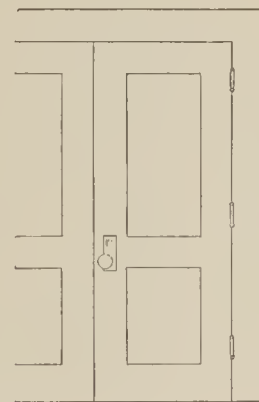


Use split astragal on double doors with this type of bolts.



87½, T87½,
T7087½
Have cylinders
inside and
outside.

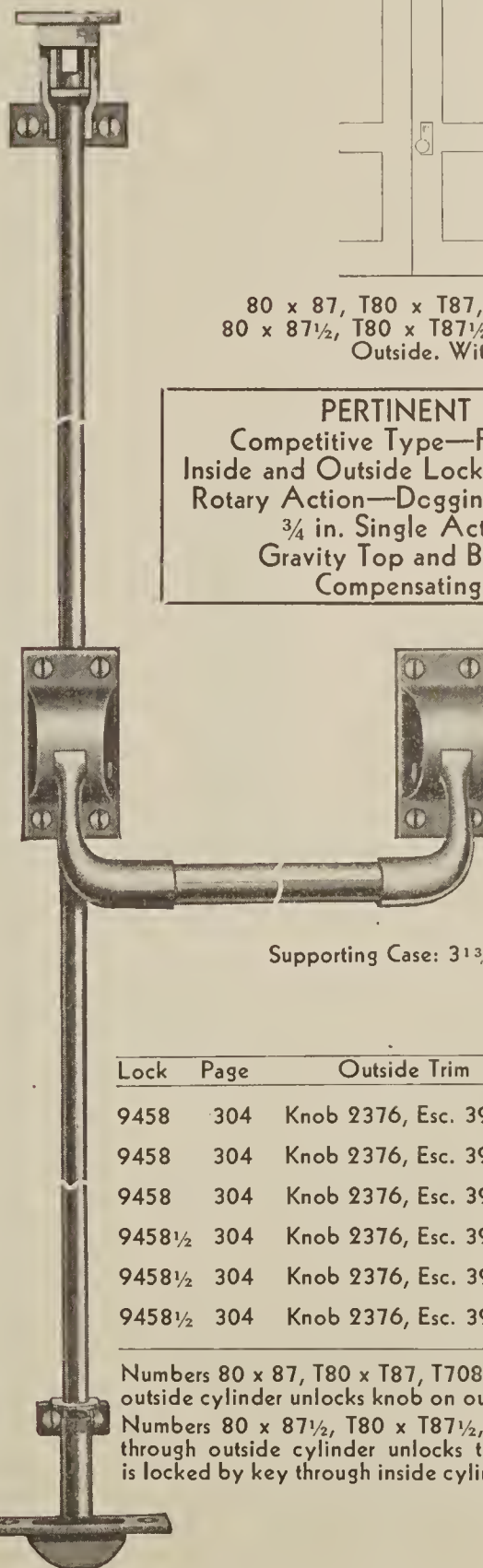
Active Case: 8½ x 1½ in.



80 x 87, T80 x T87, T7080 x T8087,
80 x 87½, T80 x T87½, T7080 x T7087½
Outside. With trim

PERTINENT FEATURES

Competitive Type—For Double Doors
Inside and Outside Locking Exit and Entrance
Rotary Action—Dogging Feature Both Cases
¾ in. Single Acting Cross Bar
Gravity Top and Bottom Latching
Compensating Rod Ends



Supporting Case: 3½ x 1½ in.

Number	Cases	Bar (tubing)	Rods (Solid)
80 x 87	Brass Polished	¾ in. Brass	Brass
T80 x T87	Brass Unpolished	¾ in. Brass	Brass
T7080 x T7087	Iron Case, Brass Lever	¾ in. Steel	Steel
80 x 87½	Brass Polished	¾ in. Brass	Brass
T80 x T87½	Brass Unpolished	¾ in. Brass	Brass
T7080 x T7087½	Iron Case, Brass Lever	¾ in. Steel	Steel

OPERATION: A slight pressure on either bar instantly releases the door from inside. The bolt on No. 80, T80 or T7080 is automatically held retracted until door is closed. The horizontal bars can be held in depressed position by turn bolt in active and supporting cases. This allows operation of doors without the necessity of operating the Exit Bolt. Latch bolt of Lock can be held retracted by key.

Lock	Page	Outside Trim	Page	Weight
9458	304	Knob 2376, Esc. 3902 Enf.	45	22 lbs.
9458	304	Knob 2376, Esc. 3902 Enf.	45	22 lbs.
9458	304	Knob 2376, Esc. 3902 Enf.	45	22 lbs.
9458½	304	Knob 2376, Esc. 3902 Enf.	45	22 lbs.
9458½	304	Knob 2376, Esc. 3902 Enf.	45	22 lbs.
9458½	304	Knob 2376, Esc. 3902 Enf.	45	22 lbs.

Numbers 80 x 87, T80 x T87, T7080 x T7087: The key through outside cylinder unlocks knob on outside.

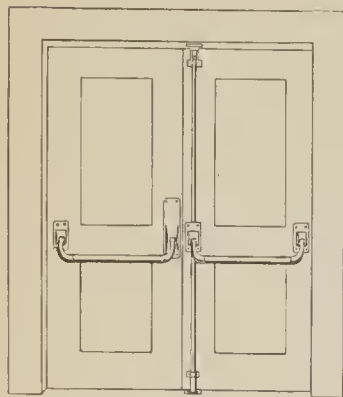
Numbers 80 x 87½, T80 x T87½, T7080 x T7087½: The key through outside cylinder unlocks the door from outside. Door is locked by key through inside cylinder.

Locks can be master-keyed and grand master-keyed in sets or keyed alike with other Russwin Cylinder Locks, see page 355.
Not reversible. Specify hand and thickness of door. Instructions for ordering, see page 355. Finishes described on pages 16 to 18.
Specify Number of Bolt and Finish.

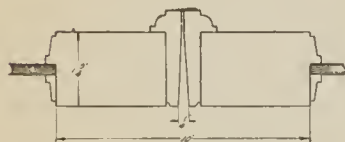
Packed complete with Screws.

Fire Exit Bolts

Patented
Brass, Bronze or Iron



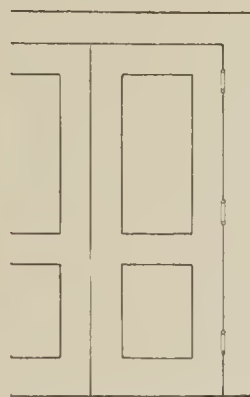
Inside. Bolt applied



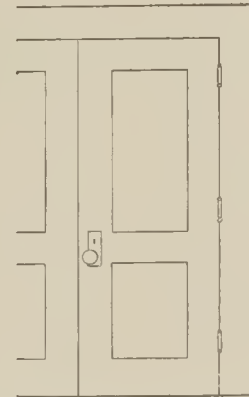
Use split astragal on double doors with this type of bolts.



Active Case: 8¹/₁₆ x 1⁵/₁₆ in.



80 x 89, T80 x T89
T7080 x T7089
Outside. No trim



80 x 88, T80 x T88
T7080 x T7088
Outside. With trim

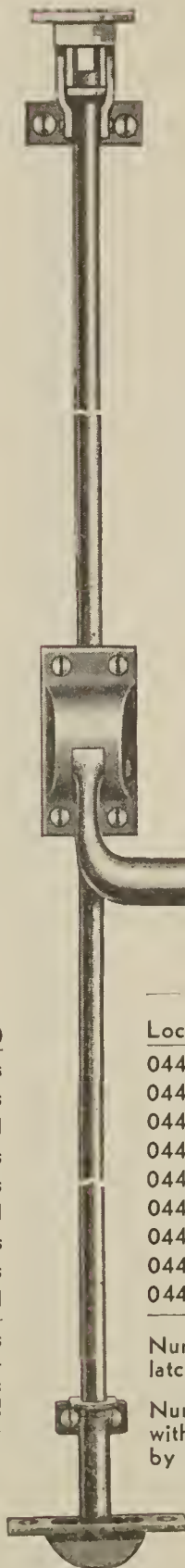
PERTINENT FEATURES

Competitive Type—For Double Doors
Inside and Outside Locking Exit and Entrance
Rotary Action—Dogging Feature Both Cases
3/4 in. Single Acting Cross Bar
Gravity Top and Bottom Latching
Compensating Rod Ends

Number	Cases	Bar (tubing)	Rod (Solid)
80 x 88	Brass or Bronze Polished	Brass	Brass
T80 x T88	Brass or Bronze Unpolished	Brass	Brass
T7080 x T7088	Iron Case, Brass Lever	Steel	Steel
80 x 89	Brass or Bronze Polished	Brass	Brass
T80 x T89	Brass or Bronze Unpolished	Brass	Brass
T7080 x T7089	Iron Case, Brass Lever	Steel	Steel
80 x 89A	Brass or Bronze Polished	Brass	Brass
T80 x T89A	Brass or Bronze Unpolished	Brass	Brass
T7080 x T7089A	Iron Case, Brass Lever	Steel	Steel

OPERATION: A slight pressure on either bar instantly releases the door from inside. The bolt on No. 80, T80, T7080 is automatically held retracted until door is closed. The horizontal bars can be held in depressed position by turn bolt in active and supporting cases. This allows operation of doors without the necessity of operating the exit bolt.

Numbers 80 x 88, T80 x T88, T7080 x T7088: Bit key from outside locks and unlocks outside knob. When knob is unlocked auxiliary latch which deadlocks latch bolt is held in a retracted position.



Supporting Case: 3¹³/₁₆ x 1⁵/₁₆ in.

Lock	Page	Outside Trim	Page	Weight
0444 ³ / ₄	305	Knob 2383, Esc. 905 ¹ / ₂ Rox.	166	21 lbs.
0444 ³ / ₄	305	Knob 2383, Esc. 905 ¹ / ₂ Rox.	166	21 lbs.
0444 ³ / ₄	305	Knob 2383, Esc. 905 ¹ / ₂ Rox.	166	21 lbs.
0440	306	None		19 lbs.
0440	306	None		19 lbs.
0440	306	None		19 lbs.
0441	306	None		19 lbs.
0441	306	None		19 lbs.
0441	306	None		19 lbs.

Numbers 80 x 89, T80 x T89, T7080 x T7089: Furnished with latch having recessed face operated only by bar from inside.

Numbers 80 x 89A, T80 x T89A, T7080 x T7089A: Furnished with latch having auxiliary dead locking latch operated only by bar from inside. No outside trim.

Locks can be master-keyed and grand master-keyed in sets or keyed alike with other Russwin Cylinder Locks, see page 355.
Not reversible. Specify hand and thickness of door. Instructions for ordering, see page 394. Finishes described on pages 16 to 18.
Specify Number of Bolt and Finish of outside trim, inside trim furnished in Dead Black only. Packed complete with screws.

Fire Exit Bolts

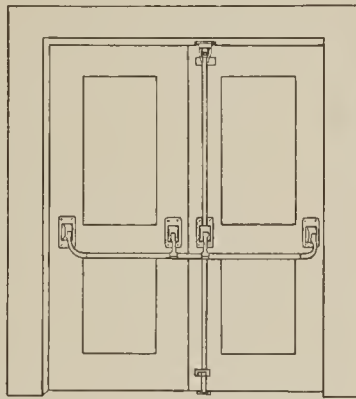
Patented

Brass, Bronze or Iron

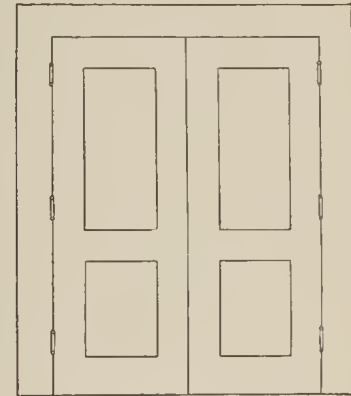


COMPENSATING
ROD END

In case the opening in the strike should be obstructed the compensating rod end slides up on the rod, riding the obstruction and allowing the top bolt to lock securely. Any attempt at forcing back the bolt from under the door simply raises the compensating rod end and does not release the top lock.

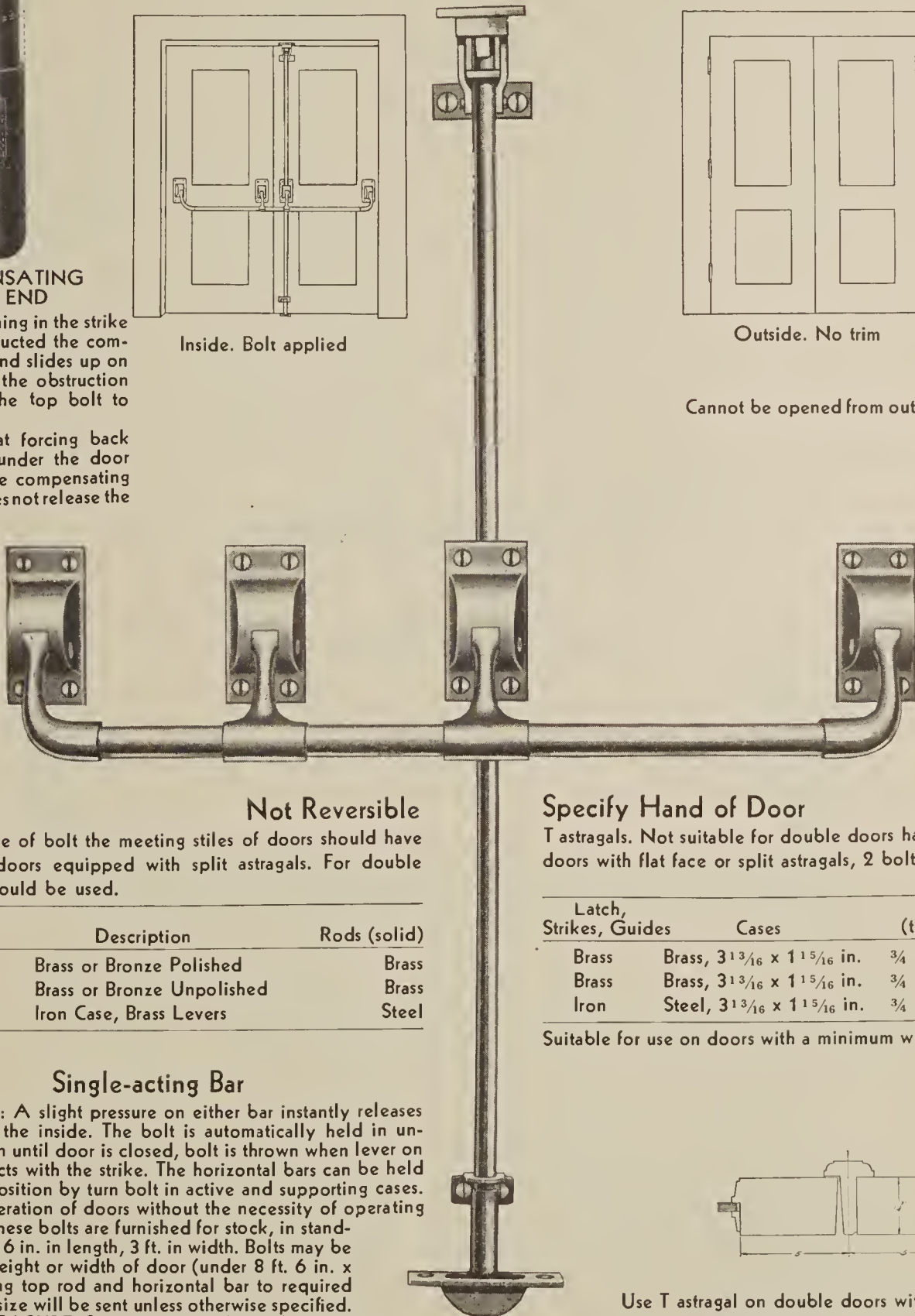


Inside. Bolt applied



Outside. No trim

Cannot be opened from outside



Not Reversible

To use this type of bolt the meeting stiles of doors should have ing stiles, or doors equipped with split astragals. For double T7080 type should be used.

Number	Description	Rods (solid)
280	Brass or Bronze Polished	Brass
T280	Brass or Bronze Unpolished	Brass
T7280	Iron Case, Brass Levers	Steel

Single-acting Bar

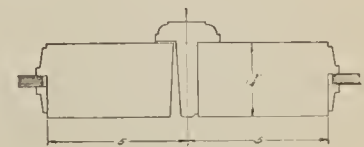
OPERATION: A slight pressure on either bar instantly releases the door from the inside. The bolt is automatically held in unlocked position until door is closed, bolt is thrown when lever on top case contacts with the strike. The horizontal bars can be held in depressed position by turn bolt in active and supporting cases. This allows operation of doors without the necessity of operating the Exit Bolt. These bolts are furnished for stock, in standard size of 8 ft. 6 in. in length, 3 ft. in width. Bolts may be fitted to any height or width of door (under 8 ft. 6 in. x 3 ft.) by cutting top rod and horizontal bar to required size. Standard size will be sent unless otherwise specified. **HOW TO MEASURE:** Specify height of door between threshold and stop; width of door between stops; width of stiles and thickness of stop. Can be used on stiles 3 in. wide. Height of lever from floor, 38 in.

Specify Hand of Door

T astragals. Not suitable for double doors having flat-faced meet-doors with flat face or split astragals, 2 bolts of No. 80, T80, or

Latch, Strikes, Guides	Cases	Bar (tubing)	Weight
Brass	Brass, 3 13/16 x 1 5/16 in.	3/4 in. Brass	13 1/2 lbs.
Brass	Brass, 3 13/16 x 1 5/16 in.	3/4 in. Brass	13 1/2 lbs.
Iron	Steel, 3 13/16 x 1 5/16 in.	3/4 in. Steel	13 1/2 lbs.

Suitable for use on doors with a minimum width of two feet each.



Use T astragal on double doors with this type of bolt. Bolt applied to door with astragal.

Specify Number and Finish desired.

Packed complete with screws.

Finishes described on pages 16 to 18.

This Page Reserved
For New Items

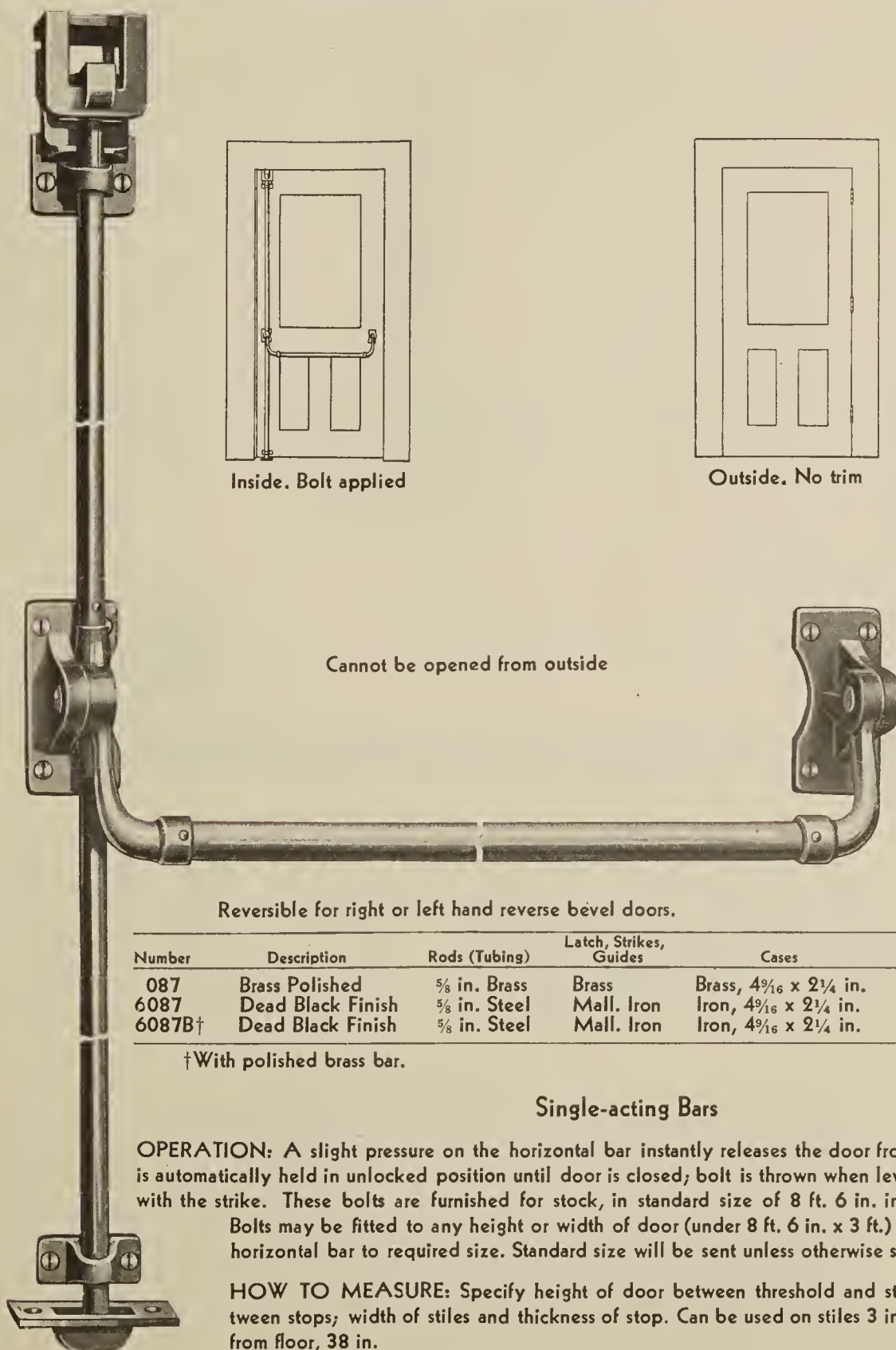
Fire Exit Bolts

Patented

Columbia Gravity Locking, Top and Bottom Latching

Extra Heavy Operating Device. For Use on Factory and Metal Doors

For Single or Double Exit Doors, with Narrow Stiles



Reversible for right or left hand reverse bevel doors.

Number	Description	Rods (Tubing)	Latch, Strikes, Guides	Cases	Bar (Tubing)	Weight
087	Brass Polished	$\frac{5}{8}$ in. Brass	Brass	Brass, $4\frac{9}{16} \times 2\frac{1}{4}$ in.	$\frac{7}{8}$ in. Brass	16 lbs.
6087	Dead Black Finish	$\frac{5}{8}$ in. Steel	Mall. Iron	Iron, $4\frac{9}{16} \times 2\frac{1}{4}$ in.	$\frac{7}{8}$ in. Steel	16 lbs.
6087B†	Dead Black Finish	$\frac{5}{8}$ in. Steel	Mall. Iron	Iron, $4\frac{9}{16} \times 2\frac{1}{4}$ in.	$\frac{7}{8}$ in. Brass	16 lbs.

†With polished brass bar.

Single-acting Bars

OPERATION: A slight pressure on the horizontal bar instantly releases the door from the inside. The bolt is automatically held in unlocked position until door is closed; bolt is thrown when lever on top case contacts with the strike. These bolts are furnished for stock, in standard size of 8 ft. 6 in. in length, 3 ft. in width.

Bolts may be fitted to any height or width of door (under 8 ft. 6 in. x 3 ft.) by cutting top rod and horizontal bar to required size. Standard size will be sent unless otherwise specified.

HOW TO MEASURE: Specify height of door between threshold and stop; width of door between stops; width of stiles and thickness of stop. Can be used on stiles 3 in. wide. Height of lever from floor, 38 in.

Specify Number and Finish desired, if different from regular.

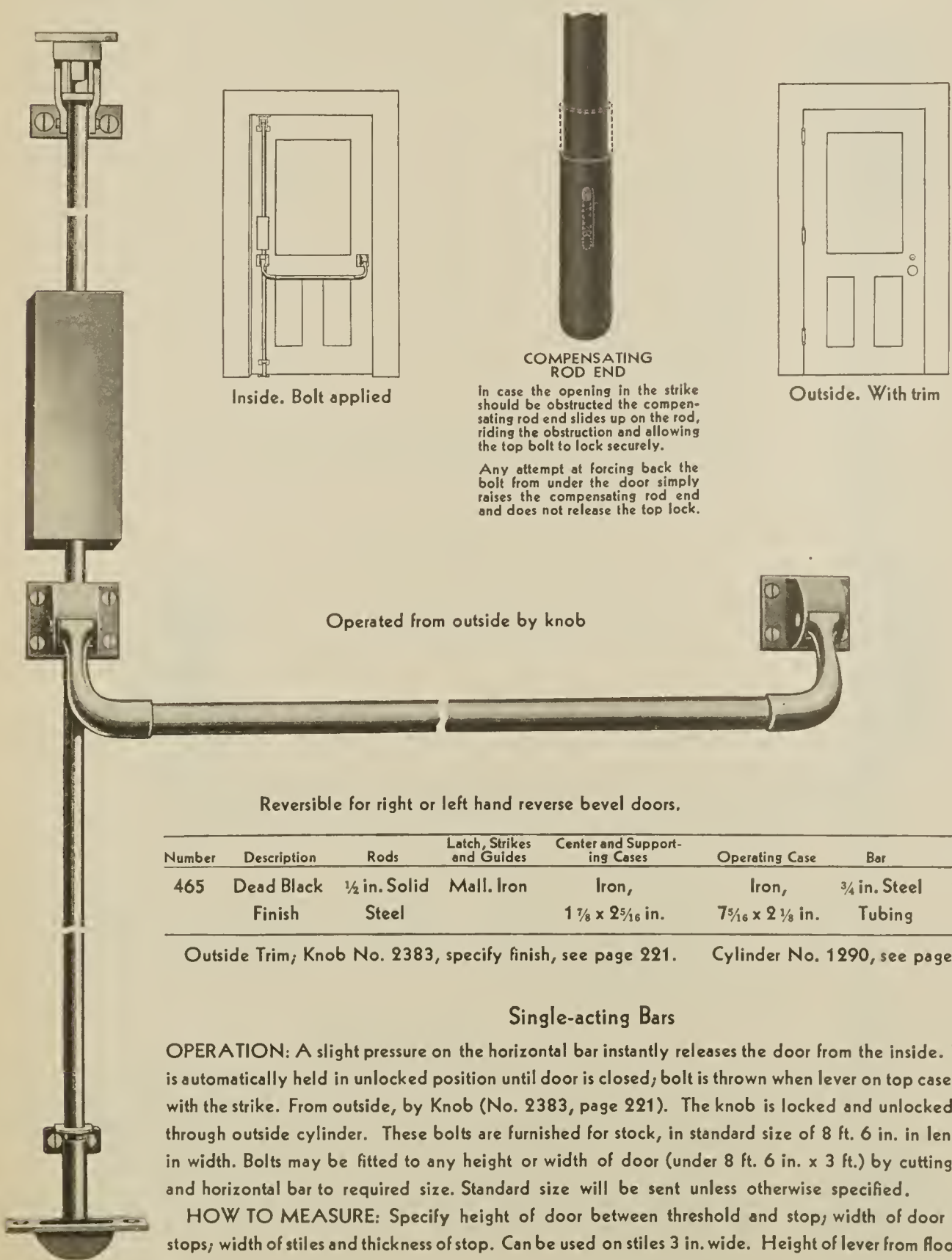
Finishes described on pages 16 to 18.

Packed complete with screws.

Fire Exit Bolts

Patented

Columbia Gravity Locking, Top and Bottom Latching
For Single or Double Doors



Inside. Bolt applied

COMPENSATING
ROD END

In case the opening in the strike should be obstructed the compensating rod end slides up on the rod, riding the obstruction and allowing the top bolt to lock securely.

Any attempt at forcing back the bolt from under the door simply raises the compensating rod end and does not release the top lock.

Outside. With trim

Operated from outside by knob

Reversible for right or left hand reverse bevel doors.

Number	Description	Rods	Latch, Strikes and Guides	Center and Supporting Cases	Operating Case	Bar	Weight
465	Dead Black Finish	½ in. Solid Steel	Mall. Iron	Iron, 1 ⅞ x 2 ⅝ in.	Iron, 7 ⅝ x 2 ⅞ in.	¾ in. Steel Tubing	12 lbs.

Outside Trim; Knob No. 2383, specify finish, see page 221. Cylinder No. 1290, see page 341.

Single-acting Bars

OPERATION: A slight pressure on the horizontal bar instantly releases the door from the inside. The bolt is automatically held in unlocked position until door is closed, bolt is thrown when lever on top case contacts with the strike. From outside, by Knob (No. 2383, page 221). The knob is locked and unlocked by key through outside cylinder. These bolts are furnished for stock, in standard size of 8 ft. 6 in. in length, 3 ft. in width. Bolts may be fitted to any height or width of door (under 8 ft. 6 in. x 3 ft.) by cutting top rod and horizontal bar to required size. Standard size will be sent unless otherwise specified.

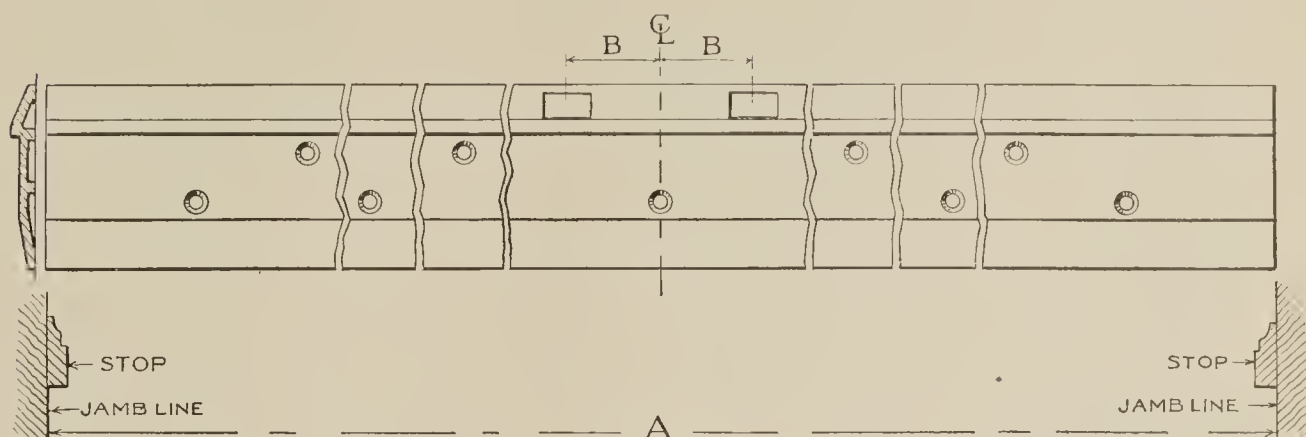
HOW TO MEASURE: Specify height of door between threshold and stop; width of door between stops; width of stiles and thickness of stop. Can be used on stiles 3 in. wide. Height of lever from floor, 38 in.

Specify Number. Specify thickness of doors. Packed complete with screws.

Thresholds

Extruded Brass or Aluminum

Weather Proof, For Exterior Doors



"A" Length of Threshold—Extreme width of opening between Jamb.

"B" Distance from Center Line of opening to Center of Bolt Recess on Double Doors; or Distance from Jamb to Center of Bolt Recess on Single Doors, when used with Vertical Bolts.

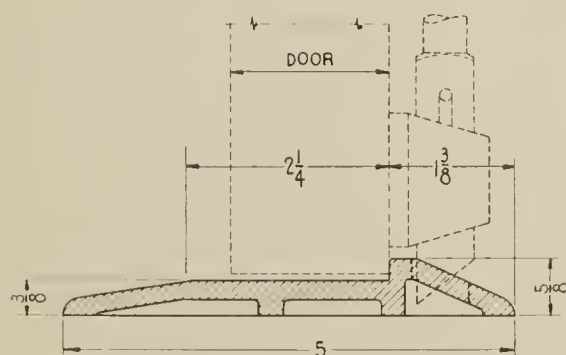
Width 5 in.

Length to order

Height to threshold $\frac{3}{8}$ in.

Height to stop from floor line $\frac{5}{8}$ in.

For doors up to $2\frac{1}{4}$ in. thick



No.

A406

Extruded Aluminum

B406

Extruded Brass

Furnished with $1\frac{1}{4}$ in.— $\frac{5}{16}$ x 18 F. H. machine screws and lead anchors with brass expansion nut.

In ordering state (A) length of threshold required and if used with verticle bolts state number of bolt with which it is to be used, width of stile and thickness of door and hand of the door with vertical bolt.

Use the following Symbols for Convenience in Ordering

Aluminum

Brass

A406B

B406B

Blank for Single or Double Doors without Vertical Bolts.

A406R

B406R

For Single Door RHRB with Vertical Bolt.

A406L

B406L

For Single Door LHRB with Vertical Bolt.

A406DR

B406DR

For Double Door with Vertical Bolt on the RHRB Door.

A406DL

B406DL

For Double Door with Vertical Bolt on the LHRB Door.

A406DRL

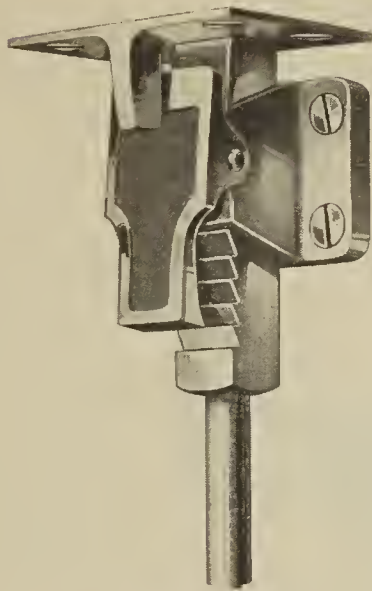
B406DRL

For Double Door with Vertical Bolt on both Doors.

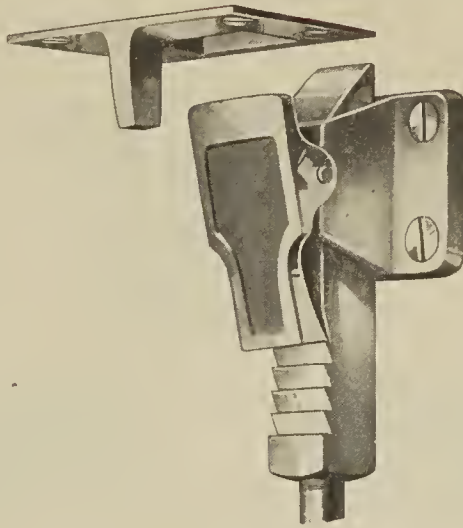
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For New Items

Fire Exit Bolts

Top Latch of No. 60 Bolt

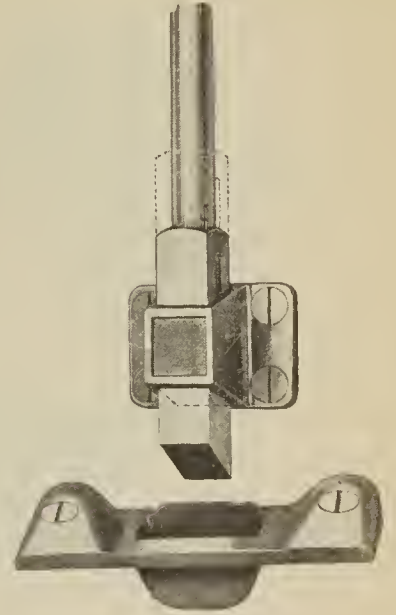


Locked position

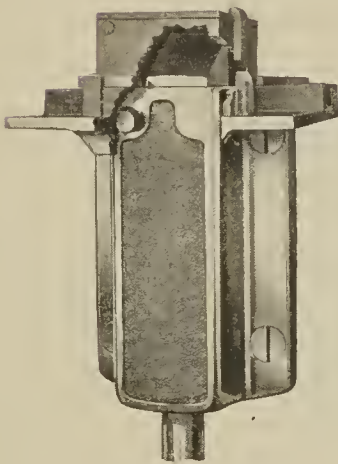


Unlocked position. Latch held retracted

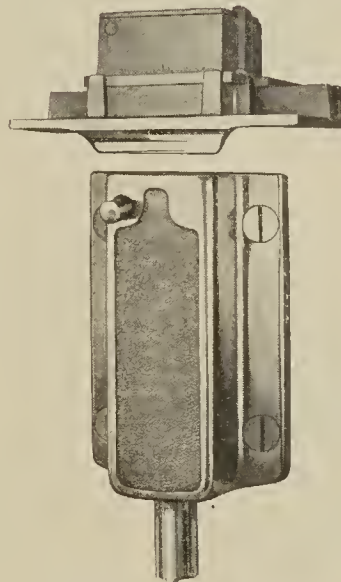
Bottom Latch of No. 60 Bolt



Top Latch of No. 40 Bolt

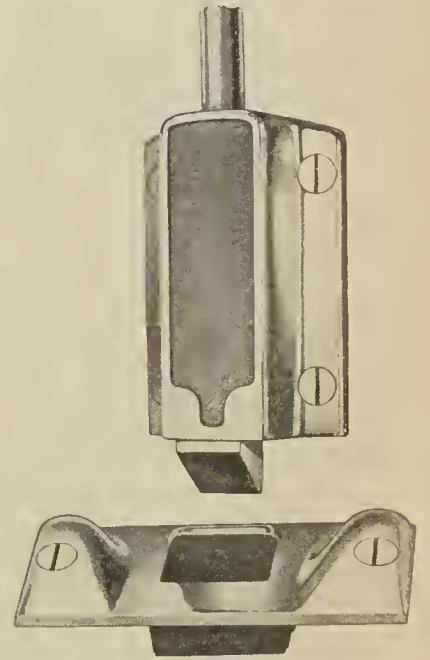


Locked position

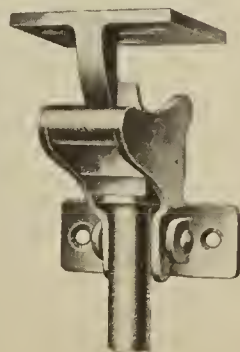


Unlocked position. Latch held retracted

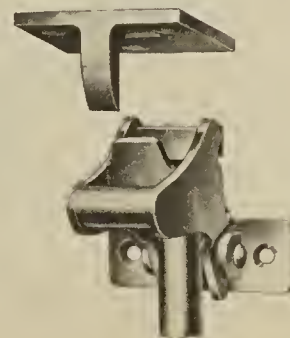
Bottom Latch of No. 40 Bolt



Top Latch of No. 25 Bolt



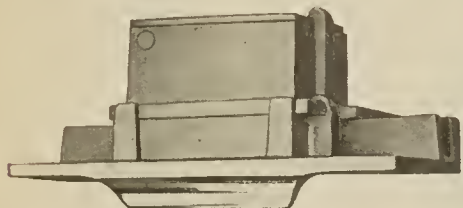
Locked



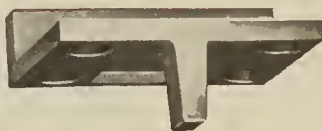
Unlocked

Fire Exit Bolts

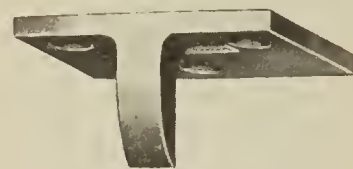
Strikes



Top strike for No. 40, etc.



Top strike for No. 60, etc.



Top strike for No. 25, etc.



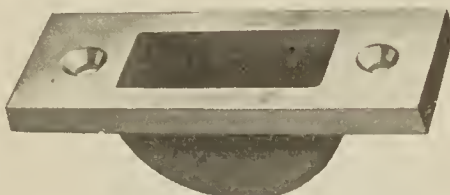
Bottom strike for No. 40, 240, etc.



No. 5B
Bottom strike for No. 260
Furnished with No. 60 only when
specified for double doors



Bottom strike for No. 60, etc.



Bottom strike for No. 6087



Bottom strike for No. 25, etc.



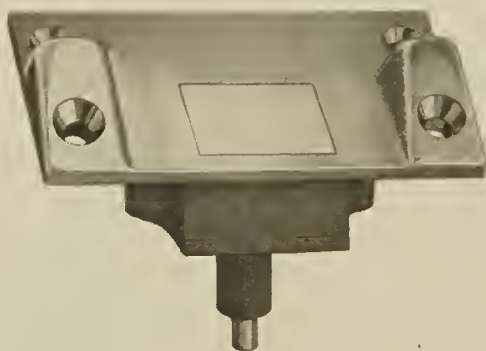
Open back strike for
double doors
When ordering give
hand and thickness
of doors



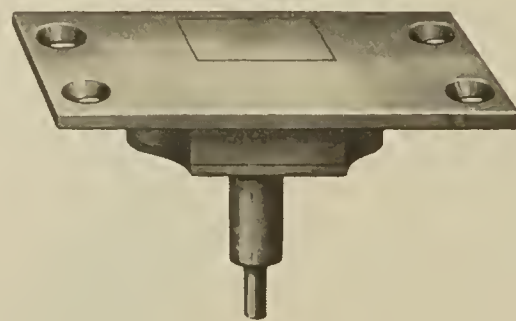
No. 2B
Stop for bottom of an active
door when orders specify
for double doors



Top strike for No. 6087



No. 3B
Dust-proof bottom strike for double doors

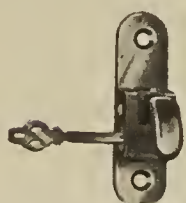


No. 4B
Dust-proof bottom strike for single doors

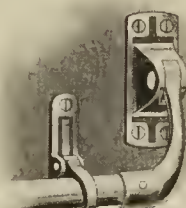
Fire Exit Bolts

Bar Locking Devices, with Key

For Locking Bar in Depressed Position



81—Bar Locking Device



087 1/2—Bar Locking Device
Bar Depressed and Locked



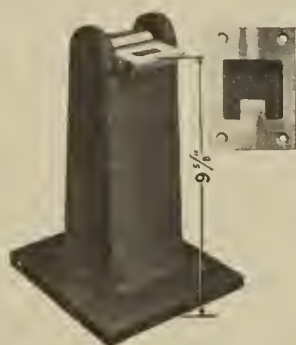
Bar Unlocked

Number	Description	Weight
81	Cast Brass or Bronze, with Steel Key, class No. 446B Specify number of bolt for which required, and finish.	1 1/2 lb.
087 1/2	Cast Brass or Bronze	1 1/2 lb.

For No. 6087 Line of Bolts.

Automatic Door Holders

For use on doors equipped with Fire Exit Bolts and Door Closer.



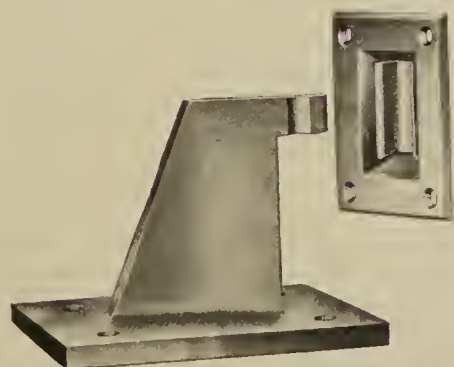
1010
Type of 1005

Number	Height	Base	Strike	Weight
1005	5 1/4 in.	6 1/8 x 6 1/8 in.	4 3/8 x 3 1/8 in.	11 1/4 lbs.
1010	9 5/8 in.	7 x 6 1/8 in.	4 3/8 x 3 1/8 in.	19 5/8 lbs.

Iron base, finish 47. Latch and strike, cast brass, polished.

Packed with steel lag screws and expansion shields for base, and brass screws for strike.

One in a fibre carton.



104 3/8 to 110 1/4

Number	Description	Height	Weight
104 3/8	Cast Brass or Bronze	4 3/8 in.	5 5/8 lbs.
106 1/2	Cast Brass or Bronze	6 1/2 in.	6 1/2 lbs.
109 1/4	Cast Brass or Bronze	9 1/4 in.	8 1/4 lbs.
110 1/4	Cast Brass or Bronze	10 1/4 in.	8 5/8 lbs.

Base, size 6x5 in. Strike, size 4x2 3/8 in.

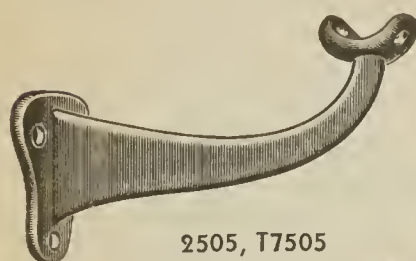
Packed with a Malleable Iron Diamond Expansion Shield 3/8 inch short for lag screw for base, and screws for strike.

Specify Number and Finish.

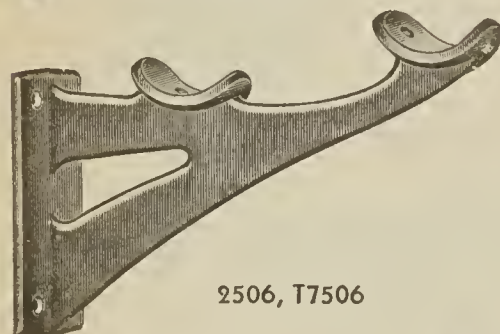
Finishes described on pages 16 to 18.

Pole Brackets and Hooks

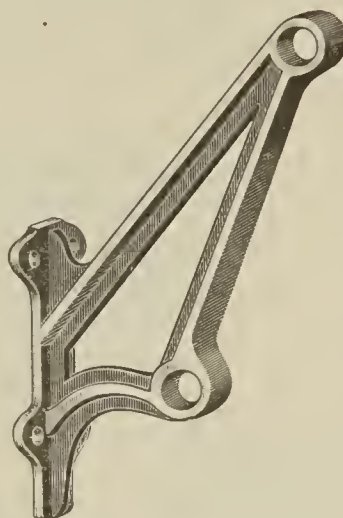
Illustrations One-quarter Size



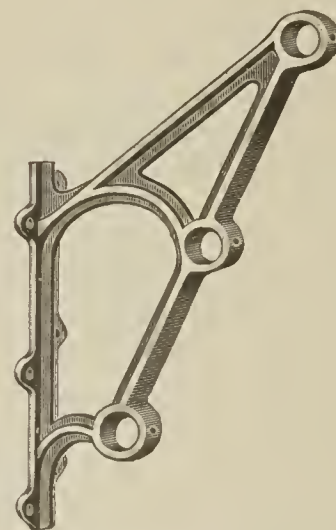
2505, T7505



2506, T7506



2507, T7507



2508, T7508



2161, T7161



2162, T7162

Pole Brackets For One 1½-Inch Round Pole

Number	Base	Projection Base to Center of Poles	Description	Weight Dozen
2505	2¾ x 2¼ in.	6½ in.	Cast Iron, Japanned	9⅞ lbs.
T7505	2¾ x 2¼ in.	6½ in.	Cast Iron, Plated	9⅞ lbs.

Can be furnished with 5-in. projection.

For Two 1¾-Inch Round Poles

2506	4⅜ x 1¼ in.	2½-6 in.	Cast Iron, Japanned	19⅝ lbs.
T7506	4⅜ x 1¼ in.	2½-6 in.	Cast Iron, Plated	19⅝ lbs.

Can be furnished for 2-in. poles.

For Two 1½-Inch Round Poles

Center of top pole to center of bottom pole, 13½ inches

2507	10¾ x 2½ in.	5-10⅜ in.	Cast Iron, Japanned	52¾ lbs.
T7507	10¾ x 2½ in.	5-10⅜ in.	Cast Iron, Plated	52¾ lbs.

Can be furnished for 2-in. poles.

For Three 1½-Inch Round Poles

Center of top pole to center of bottom pole, 19 inches

2508	16½ x 2¾ in.	5, 10, 15 in.	Cast Iron, Japanned	82½ lbs.
T7508	16½ x 2¾ in.	5, 10, 15 in.	Cast Iron, Plated	82½ lbs.

Pole Hooks and Pins For 1½-Inch Pole

Number	Projection	Spread	Description	Weight, Dozen
2161	2¾ in.		Cast Iron, Japanned	2⅝ lbs.
T7161	2¾ in.		Cast Iron, Plated	2⅝ lbs.
2162	2¼ in.	2⅜ in.	Cast Iron, Japanned	2½ lbs.
T7162	2¼ in.	2⅜ in.	Cast Iron, Plated	2½ lbs.

All numbers, including Japanned, packed with screws.

Nos. 2505 to T7506, one-sixth dozen; Nos. 2507 to T7508, one-twelfth dozen in a package.

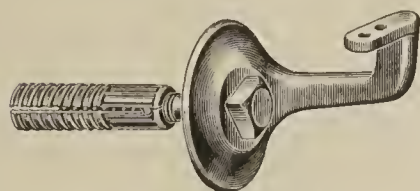
Nos. 2161 to T7162, one dozen in a box.

Specify Finish.

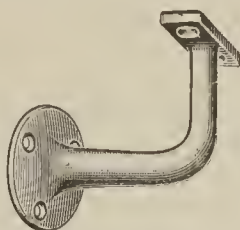
Finishes described on pages 16 to 18.

Hand-Rail Brackets

Illustrations One-quarter Size



1104, 2104, T7104
Style of 1106, 2106, T7106



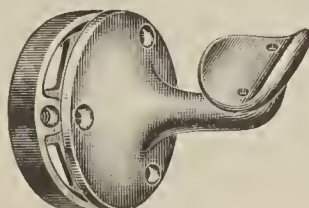
T7102 Style of 1122, T7122, 8122



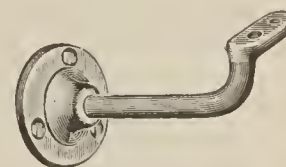
2100, T7100



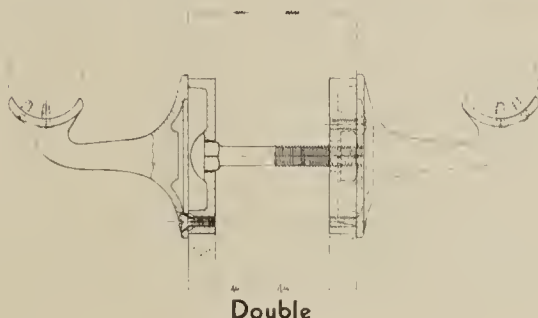
1181 to 8182



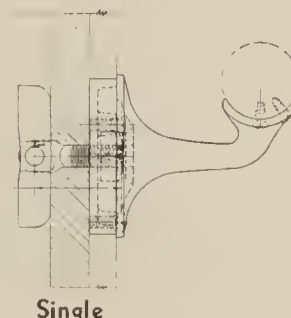
1107 to T7109



2101, T7101



Double



Single

Hand-Rail Brackets

Number	Base	Projection	Description	Weight, Dozen
1104	3 in.	3 1/8 in.	Cast Brass or Bronze, with Expansion Bolt	16 lbs.
2104	3 in.	3 1/8 in.	Cast Iron, Japanned, with Expansion Bolt	15 1/2 lbs.
T7104	3 in.	3 1/8 in.	Cast Iron, Plated, with Expansion Bolt	15 1/2 lbs.
1106	3 in.	3 1/8 in.	Cast Brass or Bronze, with Toggle Bolt	12 3/4 lbs.
2106	3 in.	3 1/8 in.	Cast Iron, Japanned, with Toggle Bolt	12 1/4 lbs.
T7106	3 in.	3 1/8 in.	Cast Iron, Plated, with Toggle Bolt	12 1/4 lbs.
1107†*	3 3/4 in.	4 1/8 in.	Cast Brass or Bronze, Single with Toggle Bolt	30 lbs.
2107†*	3 3/4 in.	4 1/8 in.	Cast Iron, Japanned, Single with Toggle Bolt	34 lbs.
T7107†*	3 3/4 in.	4 1/8 in.	Cast Iron, Plated, Single with Toggle Bolt	34 lbs.
1108†*	3 3/4 in.	4 1/8 in.	Cast Brass or Bronze, Single with Expansion Bolt	32 lbs.
2108†*	3 3/4 in.	4 1/8 in.	Cast Iron, Japanned, Single with Expansion Bolt	36 lbs.
T7108†*	3 3/4 in.	4 1/8 in.	Cast Iron, Plated, Single with Expansion Bolt	36 lbs.
1109†*	3 3/4 in.	4 1/8 in.	Cast Brass or Bronze, in Pairs for Bolting Through Wall	62 lbs.
2109†*	3 3/4 in.	4 1/8 in.	Cast Iron, Japanned, in Pairs for Bolting Through Wall	64 lbs.
T7109†*	3 3/4 in.	4 1/8 in.	Cast Iron, Plated, in Pairs for Bolting Through Wall	64 lbs.
1122	2 1/8 in.	2 in.	Cast Brass or Bronze	6 3/4 lbs.
8122	2 1/8 in.	2 in.	Cast Iron, Kahala	5 1/2 lbs.
1181	3 x 1 1/8 in.	2 3/4 in.	Cast Brass or Bronze	6 1/2 lbs.
T7181	3 x 1 1/8 in.	2 3/4 in.	Cast Iron, Plated	6 3/4 lbs.
8181	3 x 1 1/8 in.	2 3/4 in.	Cast Iron, Kahala	6 3/4 lbs.
1182	3 1/8 x 1 3/8 in.	3 3/4 in.	Cast Brass or Bronze	7 1/4 lbs.
T7182	3 1/8 x 1 3/8 in.	3 3/4 in.	Cast Iron, Plated	7 5/8 lbs.
8182	3 1/8 x 1 3/8 in.	3 3/4 in.	Cast Iron, Kahala	7 5/8 lbs.
2101	2 1/8 in.	3 1/2 in.	Wrought Steel, Japanned	4 1/2 lbs.
T7101	2 1/8 in.	3 1/2 in.	Wrought Steel, Plated	4 1/2 lbs.
2100		6 in.	Wrought Steel, Japanned	2 7/8 lbs.
T7100		6 in.	Wrought Steel, Plated	2 7/8 lbs.
T7102	2 1/4 in.	3 in.	Cast Iron, Plated	6 7/8 lbs.
T7122	2 1/8 in.	2 in.	Cast Iron, Plated	5 3/4 lbs.

†Furnished with Iron Filler Plate for Plaster Walls, see Illustration, or with Machine or Wood Screws Without Filler Plate.

Nos. 1104, 1106, 2106, 2100, T7100, T7104 and T7106, one dozen; others, half dozen in a box, with screws.

No. 2100, twelve dozen; others, six dozen, in a fibre container.

All numbers, including Japanned, packed with screws.

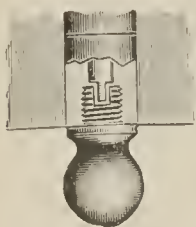
Specify Number and Finish.

*For 1 3/4 in. Rail.

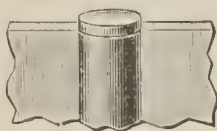
Finishes described on pages 16 to 18.

Loose Pin Butts

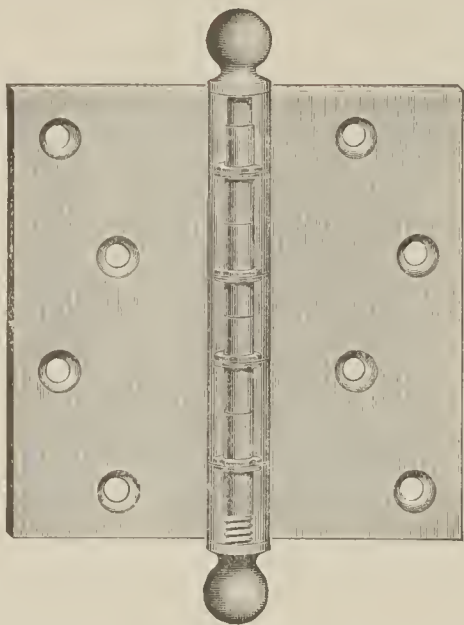
Illustrations One-half Size



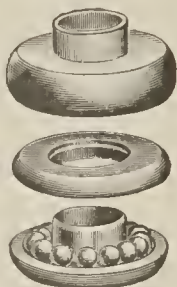
Pin Retainer



Button Tips
Furnished on special
order, suffix ¼ to number



80, 4 x 4 in.
Phantom View of Knuckles Showing
the Steel Bushings
Type of 82¼



Ball Bearings

Heavy Wrought Brass or Bronze, Polished

Five Knuckles

Non-Rising Steel Pins

No. 80 —Steel Bushed Entire Length of Each Knuckle, Polished Surface Ball Tip

No. 82¼—Steel Bushed Entire Length of Each Knuckle, Primed for Painting, Button Tip

Size	Gauge of Metal	Weight, Pair, Without Screws	Pairs in Case	Weight Case
2½ x 2 in.	.095	8 oz.		
2½ x 2½ in.	.095	9 oz.		
3 x 2½ in.	.115	14 oz.		
3 x 3 in.	.115	16 oz.	54	67 lbs.
3½ x 3½ in.	.123	20 oz.	48	79 lbs.
4 x 3 in.	.130	22 oz.		
4 x 4 in.	.130	28 oz.	48	102 lbs.
4½ x 4½ in.	.138	36 oz.	48	130 lbs.
5 x 3 in.	.146	32 oz.		
5 x 4 in.	.146	38 oz.		
5 x 5 in.	.146	46 oz.	36	133 lbs.
6 x 5 in.	.160	54 oz.		
6 x 6 in.	.160	72 oz.		

No. BB80, with Self-Retaining, Non-Detachable Ball Bearings

3 x 3 in.	.115	17 oz.	54	67 lbs.
3½ x 3½ in.	.123	21 oz.	48	79 lbs.
4 x 4 in.	.130	29 oz.	48	102 lbs.
4½ x 4½ in.	.138	38 oz.	48	130 lbs.
5 x 5 in.	.146	48 oz.	36	133 lbs.
6 x 5 in.	.160	56 oz.		
6 x 6 in.	.160	74 oz.		

These Butts, in sizes 4 x 4 in. and larger, can be furnished with Pins that cannot be removed when door is closed, Furnished on Special Order only. When desired suffix A to number, as No. 80A.

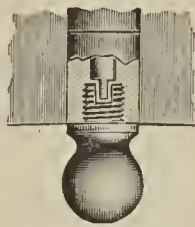
3 x 3 and smaller, three pairs; others, one pair in a box, with screws.

Specify Number, Size and Finish.

Finishes described on pages 16 to 18.

Loose Pin Butts

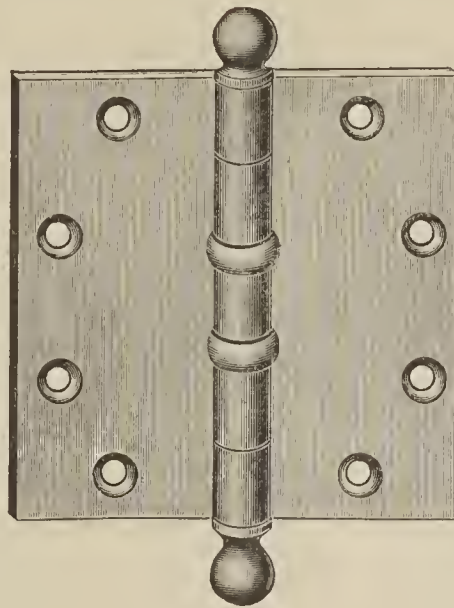
Illustrations One-half Size



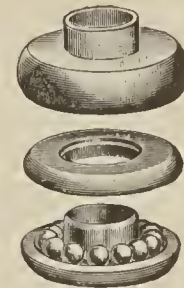
Pin Retainer



Button Tips
Furnished on special
order, suffix ¼ to number



BB85, 4 x 4 in.



Ball Bearings

Heavy Wrought Brass or Bronze, Polished

Five Knuckles

Ball Tips

Non-Rising Steel Pins

No. 85, to Standard Template; Steel Bushed Entire Length of Each Knuckle

Furnished regular with machine screws.

Size	Gauge of Metal	Weight, Pair, Without Screws	Pairs in Case	Weight Case
3 x 3 in.	.115	16 oz.	54	67 lbs.
3½ x 3½ in.	.123	20 oz.	48	79 lbs.
4 x 4 in.	.130	28 oz.	48	102 lbs.
4½ x 4½ in.	.138	36 oz.	48	130 lbs.
5 x 5 in.	.146	48 oz.	36	133 lbs.
6 x 5 in.	.160	60 oz.		
6 x 6 in.	.160	75 oz.		

No. BB85, to Standard Template

With Self-Retaining, Non-Detachable Ball Bearings

Furnished regular with machine screws.

Size	Gauge of Metal	Weight, Pair, Without Screws	Pairs in Case	Weight Case
3 x 3 in.	.115	17 oz.	54	67 lbs.
3½ x 3½ in.	.123	21 oz.	48	79 lbs.
4 x 4 in.	.130	29 oz.	48	102 lbs.
4½ x 4½ in.	.138	38 oz.	48	130 lbs.
5 x 5 in.	.146	49 oz.	36	133 lbs.
6 x 5 in.	.160	61 oz.		
6 x 6 in.	.160	78 oz.		

These Butts, in sizes 4 x 4 in. and larger, can be furnished with Pins that cannot be removed when door is closed. Furnished on Special Order only. When desired, suffix A to number, as No. 85A.

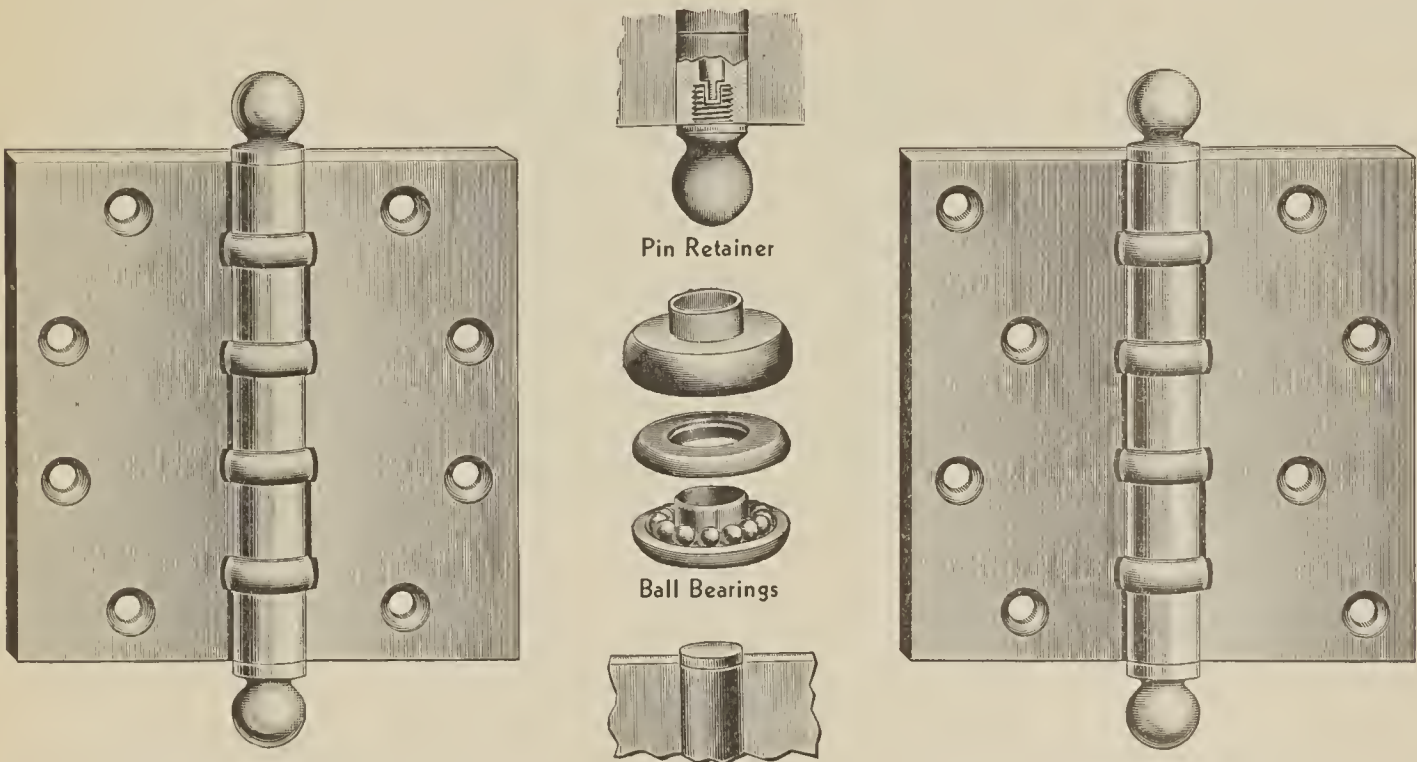
Specify Number, Size and Finish.

Finishes described on pages 16 to 18.

One pair in a box, with screws.

Loose Pin Butts

Illustrations One-half Size



BB81, 4½ x 4½ in.

BB081, 4½ x 4½ in.

Button Tips
Furnished on special
order, suffix ¼ to number.

Extra Heavy Wrought Brass or Bronze, Polished

Five Knuckles

Ball Tips

Non-Rising Steel Pins

Self-Retaining, Non-Detachable Ball Bearings

No. BB81 To Standard Template

Furnished regular with machine screws.

Size	Ball Bearings	Gauge of Metal	Weight, Pair, Without Screws
4½ x 4½ in.	4 races	.180	50 oz.
5 x 5 in.	4 races	.190	62 oz.
6 x 5 in.	4 races	.203	96 oz.
6 x 6 in.	4 races	.203	98 oz.
6 x 8 in.	4 races	.203	99 oz.

No. BB081 Not Made to Template

Furnished with wood screws.

4½ x 4½ in.	4 races	.180	50 oz.
5 x 5 in.	4 races	.190	62 oz.
6 x 5 in.	4 races	.203	96 oz.
6 x 6 in.	4 races	.203	98 oz.
6 x 8 in.	4 races	.203	99 oz.

Specify Number, Size and Finish.

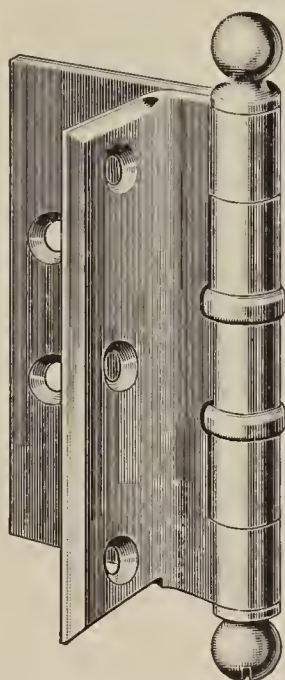
Finishes described on pages 16 to 18.

One pair in a box, with screws.

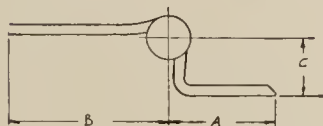
RUSSWIN

Loose Pin Butts

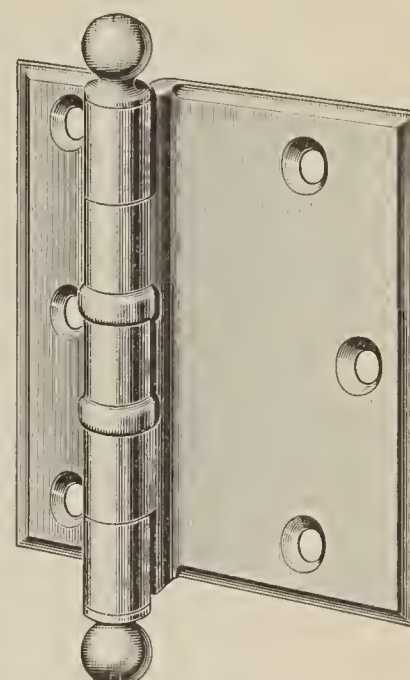
Illustrations One-half Size



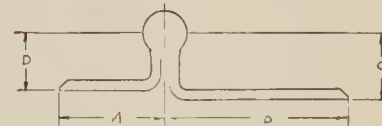
BB308, 4 1/2 x 4 1/2 in.



Section showing application of machine screw and grommet nut to Kalamein door.



BB310, 4 1/2 x 4 1/2 in.



Regular weight, Wrought Brass or Bronze, Polished

FIVE KNUCKLES

BALL TIPS

NON-RISING STEEL PINS

With Self-Retaining, Non-Detachable Ball Bearings

No. BB308, Half Mortise to Template for Hollow Metal Doors with Channel Iron Jambs.
Furnished Regular with Machine Screws.

Size	Gauge of Metal	Width of Jamb Leaf (A)	Width of Door Leaf (B)	Offset of Jamb Leaf (C)	Weight, Pair with Screws	Pairs in Case	Weight Case
4 1/2	.138	1 1/2	2 1/4	13/16	3 lbs.	24	74 lbs.
5	.146	1 1/2	2 1/2	7/8	3 1/2 lbs.	24	86 lbs.

No. BB310, Full Surface to Template for Kalamein Doors with Channel Iron Jambs. Door Leaf furnished regular with Oval Head Machine Screws with Grommet Nuts. Jamb Leaf with Oval Head Machine Screws.

Size	Gauge of Metal	Width of Jamb Leaf (A)	Width of Door Leaf (B)	Offset of Door Leaf (C)	Offset of Jamb Leaf (D)	Weight, Pair with Screws	Pair in Case	Weight Case
4 1/2	.138	1 1/2	2 9/16	1 5/16	1 3/16	3 lbs.	24	74 lbs.
5	.146	1 1/2	2 7/8	1 in.	7/8	3 1/2 lbs.	24	86 lbs.

Furnished with Pins that cannot be removed when door is closed.

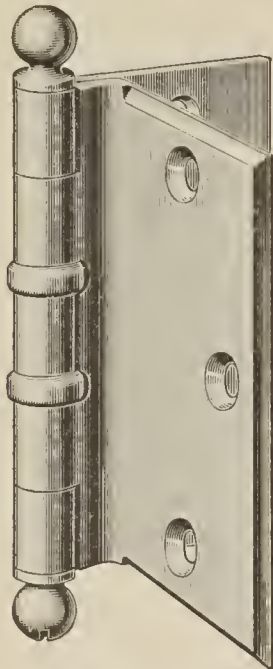
Specify Number, Size and Finish.

Finishes described on Pages 16 to 18.

One pair in a box, with screws.

Loose Pin Butts

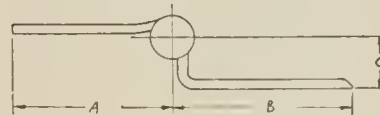
Illustrations One-half Size



BB312-BB316
4½ x 4½ in.



Section showing appli-
cation of machine screws
and Grommet Nuts to
Kalamein Door.



Regular weight, Wrought Brass or Bronze, Polished

FIVE KNUCKLES

BALL TIPS

NON-RISING STEEL PINS

With Self-Retaining, Non-Detachable Ball Bearings

No. BB312, Half Surface to Template for Kalamein Doors with Pressed Steel Jambs. Jamb Leaf with Flat Head Machine Screws. Door Leaf with Oval Head Machine Screws with Grommet Nu's.

Size	Gauge of Metal	Width of Jamb Leaf (A)	Width of Door Leaf (B)	Offset of Door Leaf (C)	Weight, Pair with Screws	Pairs in Case	Weight Case
4½	.138	2¼	2 ⁹ / ₁₆	¾	3 lbs.	24	74 lbs.
5	.146	2½	2 ⁷ / ₈	1	3½ lbs.	24	86 lbs.

No. BB316, Half Surface non-Template for Kalamein Doors with Kalamein Jambs. Jamb Leaf with Wood Screws. Door Leaf with Oval Head Machine Screws with Grommet Nuts.

Size	Gauge of Metal	Width of Jamb Leaf (A)	Width of Door Leaf (B)	Offset of Door Leaf (C)	Weight, Pair with Screws	Pairs in Case	Weight Case
4½	.138	2¼	2 ⁹ / ₁₆	¾	3 lbs.	24	74 lbs.
5	.146	2½	2 ⁷ / ₈	1	3½ lbs.	24	86 lbs.

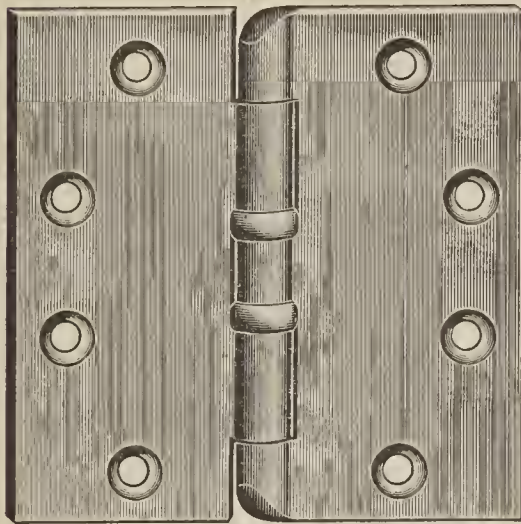
Furnished with Pins that cannot be removed when door is closed.

Specify Number, Size and Finish.

Finishes described on pages 16 to 18

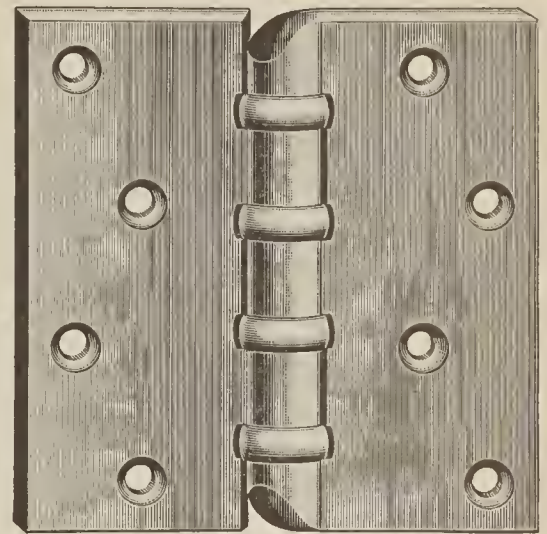
One pair in a box, with screws.

Tight Pin Butts



BB88, 4 1/2 x 4 1/2
Type of BB83

PERTINENT FEATURES
Asylum Type
For Hospitals and
Institutions.
Extruded Brass or Bronze
Ball Bearings.
BB83 and BB84 not made
to Template for Wood
Doors and Jambs.
BB88 and BB89 made to
Template for Metal Doors
and Jambs or Wood Doors
and Metal Jambs.
BB84 and BB89 are extra
Heavy Weight for Heavy
Doors.



BB84, 4 1/2 x 4 1/2
Type of BB89

Heavy Wrought Brass or Bronze, Polished
Five Knuckles Fast Brass Pins

No. BB83 Not Made to Template
Furnished with wood screws.

Size	Gauge of Metal	Weight, Pair, Without Screws	Size	Gauge of Metal	Weight, Pair, Without Screws
4 x 4 in.	.130	24 oz.	5 x 5 in.	.146	44 oz.
4 1/2 x 4 1/2 in.	.138	33 oz.	6 x 6 in.	.160	73 oz.

No. BB88 To Standard Template
Furnished regular with machine screws.

4 x 4 in.	.130	24 oz.	5 x 5 in.	.146	44 oz.
4 1/2 x 4 1/2 in.	.138	33 oz.	6 x 6 in.	.160	73 oz.

Extra Heavy Wrought Brass or Bronze, Polished
Five Knuckles Self-Retaining, Non-Detachable Ball Bearings Fast Steel Pins

No. BB84 Not Made to Template
Furnished with wood screws.

Size	Ball Bearings	Gauge of Metal	Weight, Pair, Without Screws
4 1/2 x 4 1/2 in.	4 races	.180	50 oz.
5 x 5 in.	4 races	.190	62 oz.
6 x 5 in.	4 races	.203	96 oz.
6 x 6 in.	4 races	.203	98 oz.
6 x 8 in.	4 races	.203	99 oz.

No. BB89 To Standard Template
Furnished regular with machine screws.

4 1/2 x 4 1/2 in.	4 races	.180	50 oz.
5 x 5 in.	4 races	.190	62 oz.
6 x 5 in.	4 races	.203	96 oz.
6 x 6 in.	4 races	.203	98 oz.
6 x 8 in.	4 races	.203	99 oz.

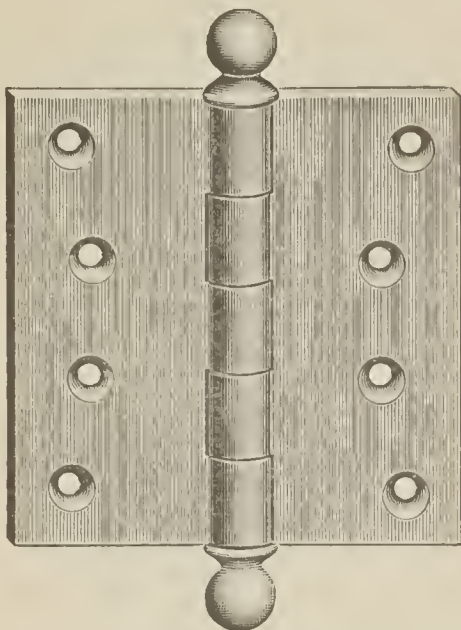
Specify Number, Size and Finish.

Finishes described on pages 16 to 18.

One pair in a box, with screws.

Loose Pin Butts

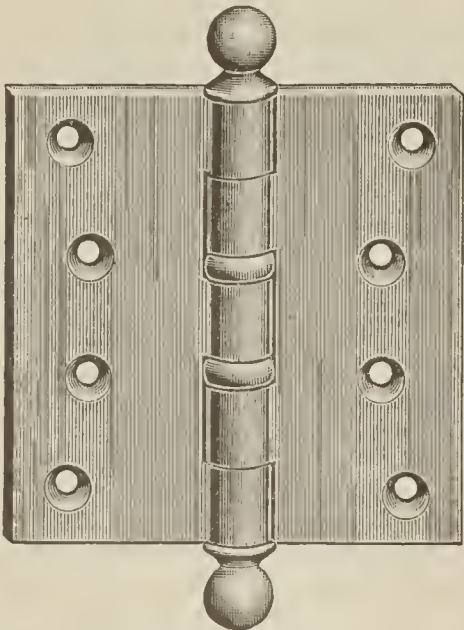
Illustrations One-half Size



60, 4 x 4 in.



Button Tips
Furnished on special
order, suffix ¼ to number



BB60, 4 x 4 in.

Cast Brass or Bronze, Polished

Five Knuckles

Ball Tips

Non-Rising Steel Pins

No. 60½—Self-Lubricating, Hardened Steel Washers
Furnished with wood screws.

Size	Weight, Pair, Without Screws	Size	Weight, Pair, Without Screws
3 x 3 in.	14½ oz.	5 x 4 in.	42 oz.
3½ x 3½ in.	20 oz.	5 x 5 in.	51 oz.
4 x 4 in.	30 oz.	6 x 6 in.	85 oz.
4½ x 4½ in.	38 oz.		

Heavy Cast Brass or Bronze, Polished

Five Knuckles

Ball Tips

Non-Rising Steel Pins

No. 60—Self-Lubricating, Hardened Steel Washers

No. BB60—With Self-Retaining, Non-Detachable Ball Bearings
Furnished with wood screws.

No. 65—Self-Lubricating, Hardened Steel Washers—to Template

No. BB65—With Self-Retaining, Non-Detachable Ball Bearings—to Standard Template
Furnished regular with machine screws.

3 x 3 in.	18 oz.	5 x 4 in.	46 oz.
3½ x 3½ in.	21 oz.	5 x 5 in.	56 oz.
4 x 4 in.	34 oz.	6 x 6 in.	91 oz.
4½ x 4½ in.	44 oz.		

Note: Sizes 3 x 3 and 3½ x 3½ not furnished BB or to template.

The weights on this page are shipping weights only and should not be used in figuring government work.

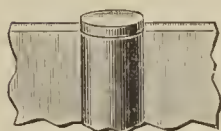
Specify Number, Size and Finish.

Finishes described on pages 16 to 18.

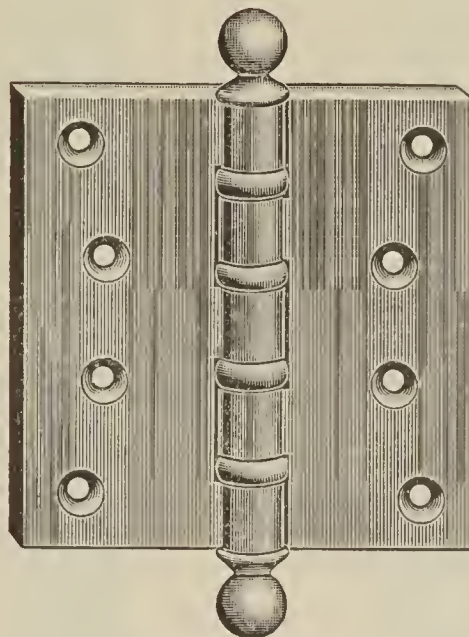
One pair in a box, with screws.

Loose Pin Butts

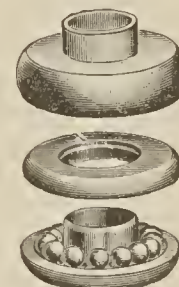
Illustrations One-half Size



Button Tips
Furnished on special
order, suffix ¼ to number



BB61, 4 x 4 in.



Ball Bearings

Extra Heavy Cast Brass or Bronze, Polished

Five Knuckles

Ball Tips

Non-Rising Steel Pins

No. BB61 with Self-Retaining Ball Bearings

Furnished with wood screws

No. BB66 with Self-Retaining Ball Bearings

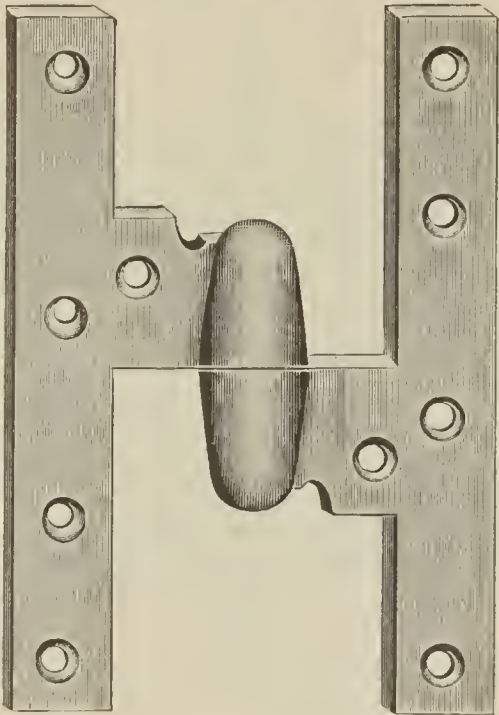
Furnished Regular with machine screws

Size	Weight, Pair, Without Screws
4 x 4 in.	40 oz.
4½ x 4½ in.	48 oz.
5 x 4 in.	52 oz.
5 x 4½ in.	56 oz.
5 x 5 in.	66¾ oz.
6 x 4 in.	81 oz.
6 x 5 in.	90 oz.
6 x 6 in.	105 oz.
6 x 8 in.	147 oz.
7 x 5 in.	120 oz.

The weights on this page are shipping weights only and should not be used in figuring government work.
Specify Number, Size and Finish. Finishes described on pages 16 to 18. One pair in a box, with screws.

Paumelle Butts

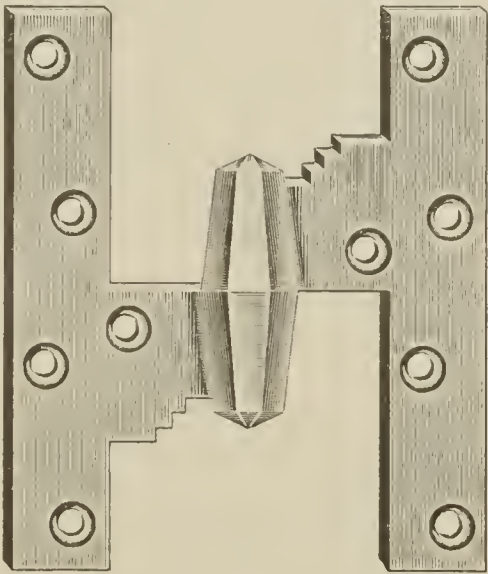
Illustrations One-half Size



Cast Gun Metal

With Steel Pin and Washer

Number	Length of Leaf	Width of Leaves	Width Open	Width Between Leaves	Weight, Pair, Without Screws
56	6¼ in.	7⁄8 in.	4¼ in.	2½ in.	44 oz.



57
Type of 58

Cast Gun Metal
With Steel Pin and Washer

Number	Length of Leaf	Width of Leaves	Width Open	Width Between Leaves	Weight, Pair, Without Screws
57	5 in.	7⁄8 in.	4¼ in.	2 ⁷ / ₁₆ in.	34 oz.
58	3½ in.	¾ in.	3 in.	1½ in.	16 oz.

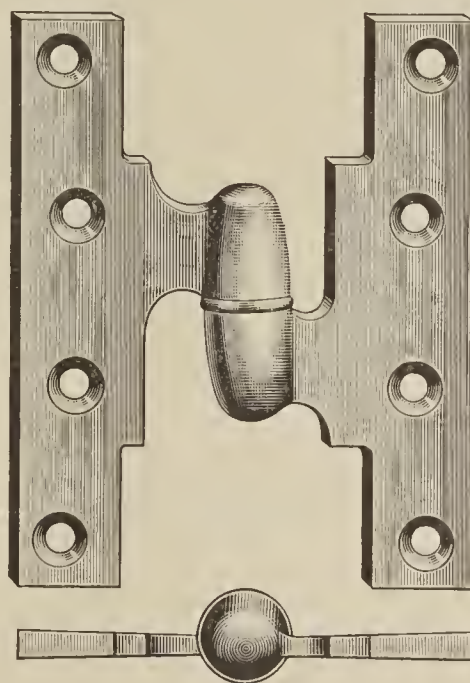
Specify Number, Size and Finish.

Finishes described on pages 16 to 18.
Not Reversible, Specify Hand.

One pair in a box, with screws.

Paumelle Butts

Illustrations One-half Size



Steel Pin

Not Reversible

Specify Hand

Furnished to Template when so ordered.

54 Cast Bronze.

254 Malleable Iron, Sanded for Painting (Bronze Washer).

7054 Malleable Iron, Polished and Plated (Bronze Washer).

Size	Length of Leaf	Width of Leaf	Width Open	Width Between Leaves	Weight Doz. Pair
3 x 2½	3 in.	9/16 in.	2½ in.	1 3/16 in.	6¾ lbs.
5 x 3¼	5 in.	¾ in.	3¼ in.	1 ¼ in.	21½ lbs.
5 x 4	5 in.	7/8 in.	4 in.	1 5/8 in.	25 lbs.
5 x 5	5 in.	7/8 in.	5 in.	2 5/8 in.	25½ lbs.
6 x 5	6 in.	1 in.	5 in.	2 7/8 in.	34 lbs.
6 x 6	6 in.	1 in.	6 in.	3 1/8 in.	39 lbs.

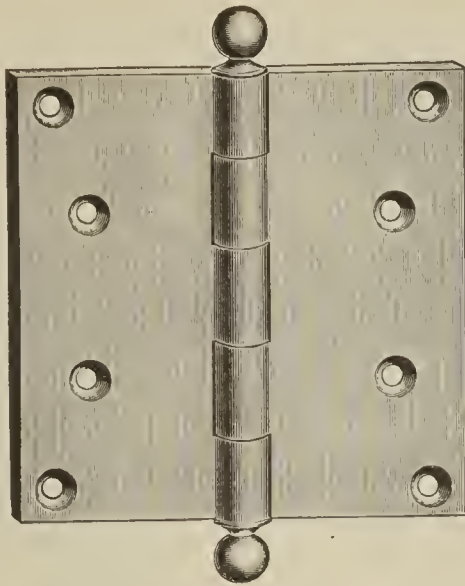
Specify Number, Hand, Size and Finish.

Finishes described on pages 16 to 18.

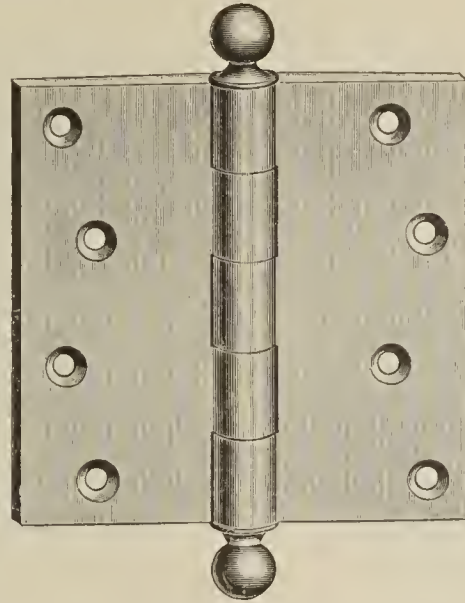
Size 3 x 2½ in., Three Pair, others One Pair in a box, with screws.

Loose Pin Butts

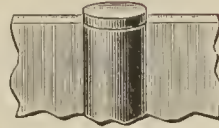
Illustrations One-half Size



7060, 4 x 4 in.



7061, 4 x 4 in.



Button Tips furnished on special order, suffix $\frac{1}{4}$ to number.

Cast Iron, Heavy Weight—Non-Rising Pins

Five Knuckles

Ball Tips

Steel Pins

No. *260 Unfinished, for Painting

No. 7060 Polished and Plated

Furnished with wood screws

No. 7065 to Template

Furnished regular with machine screws

Size	Weight, Pair, Without Screws	Size	Weight, Pair, Without Screws
2½ x 2½ in.	8 oz.	4½ x 4½ in.	34 oz.
3 x 3 in.	13½ oz.	5 x 5 in.	48 oz.
3½ x 3½ in.	18½ oz.	6 x 6 in.	87½ oz.
4 x 4 in.	27¼ oz.		

*Can be furnished in plated finishes on unpolished surface, but are not furnished to template.

No. 7061—Extra Heavy Weight

Furnished with wood screws

No. 7066 to Template

Furnished regular with machine screws

4 x 4 in.	37½ oz.	5 x 5 in.	60½ oz.
4½ x 4½ in.	46 oz.	6 x 6 in.	100 oz.

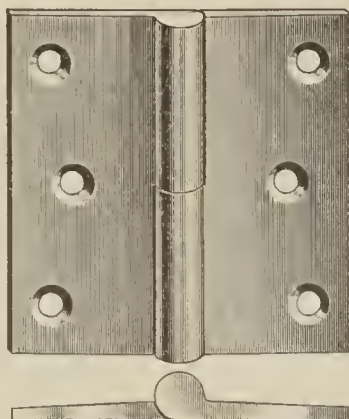
Specify Number, Size and Finish.

Finishes described on pages 16 to 18.

One pair in a box, with screws.

Loose Joint Butts

Illustrations One-half Size



240, T7240
Right Hand

Cast Iron
Specify Hand

No. 240—Unfinished. For Painting

Furnished with wood screws

No. 250 to Template

Furnished regular with machine screws

Size	Weight, Dozen Pairs, Without Screws	Size	Weight, Dozen Pairs, Without Screws
2½ x 2½ in.	6 lbs.	4 x 4 in.	16⅞ lbs.
3 x 3 in.	9 lbs.	4½ x 4½ in.	26⅝ lbs.
3½ x 3½ in.	13½ lbs.	5 x 5 in.	33¾ lbs.

No. T7240—Bronze-Plated

Furnished with wood screws

No. T7250 to Template

Furnished regular with machine screws

2½ x 2½ in.	6 lbs.	4 x 4 in.	16⅞ lbs.
3 x 3 in.	9 lbs.	4½ x 4½ in.	26⅝ lbs.
3½ x 3½ in.	13½ lbs.	5 x 5 in.	33¾ lbs.

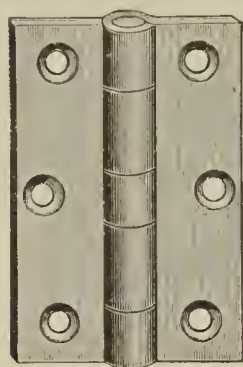
Size 2½ x 2½, twelve pairs in a box, other sizes, one pair in a box, with screws.

Specify Number, Size and Finish.

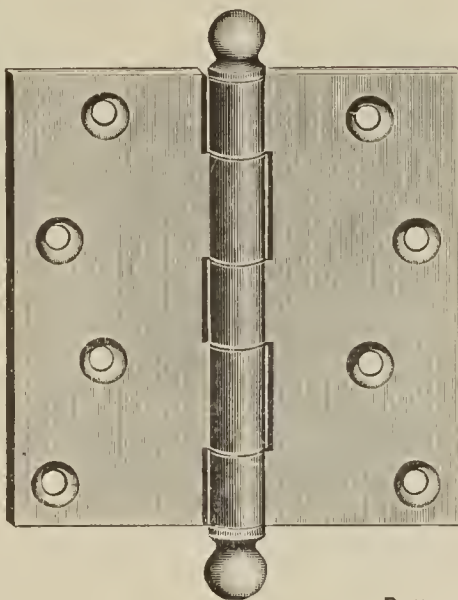
Finishes described on pages 16 to 18

Butts

Illustrations One-half Size

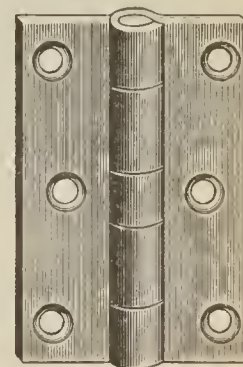


74, 174
3 x 2½ in.



79
4 x 4 in.

Button Tips Furnished
on special order, on No.
79, affix ¼ to number



76
3 x 2½ in.

No. 79—Wrought Brass or Bronze, Polished

Five Knuckles

Ball Tips

Loose Steel Pins

Steel Bushed Entire Length of Each Knuckle
Not Furnished to Template

Size	Gauge of Metal	Weight, Pair, Without Screws	Size	Gauge of Metal	Weight, Pair, Without Screws
3 x 3 in.	.090	12 oz.	4 x 4 in.	.110	24 oz.
3½ x 3½ in.	.100	18 oz.			

One pair in a box, with screws.

No. 74—Heavy Wrought Brass or Bronze, Polished, with Screws

Fast Brass Pins

2½ x 2 in.	.095	6 oz.	3½ x 3½ in.	.123	20 oz.
2½ x 2½ in.	.095	8 oz.	4 x 3 in.	.130	19 oz.
3 x 2½ in.	.115	12 oz.	4 x 4 in.	.130	24 oz.
3 x 3 in.	.115	12 oz.			

No. 76, to Template

Furnished regular with machine screws

3 x 3 in.	.115	12 oz.	4 x 4 in.	.130	24 oz.
3½ x 3½ in.	.123	20 oz.			

No. 174—Heavy Wrought Brass, Unpolished, with Screws

Fast Brass Pins

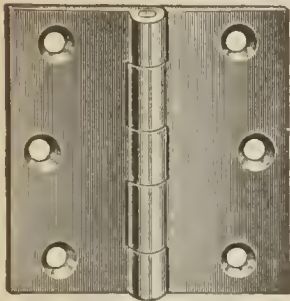
2½ x 2 in.	.095	8 oz.	3½ x 3½ in.	.123	20 oz.
2½ x 2½ in.	.095	9 oz.	4 x 3 in.	.130	16 oz.
3 x 2½ in.	.115	12 oz.	4 x 4 in.	.130	28 oz.
3 x 3 in.	.115	13 oz.			

Nos. 74, 76 and 174, 3½ x 3½ in. and smaller, three pairs; others, one pair in a box.
Specify Number, Size and Finish.

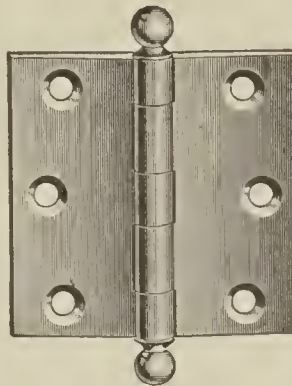
Finishes described on pages 16 to 18.

Butts

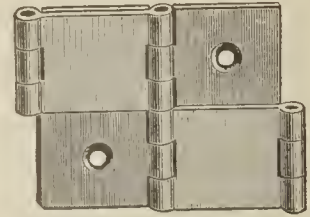
Illustrations One-half Size



107
2½ x 2½ in.



107½
2½ x 2½ in.



105
1¾ x 1¾ in.

*No. 107—Cast Brass or Bronze, Polished

Fast Brass Pins

Size	Weight, Dozen Pair, Without Screws	Size	Weight, Dozen Pair, Without Screws
2 x 2 in.	3½ lbs.	3 x 2½ in.	7½ lbs.
2½ x 2 in.	4 lbs.	3 x 3 in.	9½ lbs.
2½ x 2½ in.	6 lbs.	3½ x 3½ in.	15¼ lbs.
3 x 2 in.	5¾ lbs.		

*No. 107½—Cast Brass or Bronze, Polished

Ball Tips Loose Brass Pins

2 x 2 in.	3¼ lbs.	3 x 2½ in.	7¼ lbs.
2½ x 2 in.	4¼ lbs.	3 x 3 in.	9 lbs.
2½ x 2½ in.	6 lbs.		

*Nos. 107, 107½ can be furnished to template with machine screws. Three pairs in a box, with screws.

No. 105—Double Acting Screen Hinges

Wrought Brass, Polished

Size	For Screens	Weight, Dozen Pair, Without Screws
1¾ x 1⅛ in.	¾ in.	2¼ lbs.
1¾ x 1¼ in.	⅞ in.	2½ lbs.
1¾ x 1⅜ in.	1 in.	2¾ lbs.
2 x 1⅝ in.	1⅛ in.	4½ lbs.

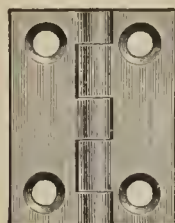
One dozen pairs in a box, without screws.

Specify Number, Size and Finish.

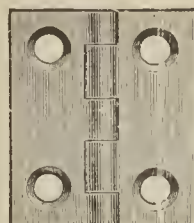
Finishes described on pages 16 to 18.

Wrought Brass Butts

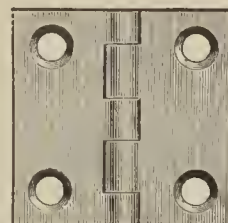
Illustrations One-half Size



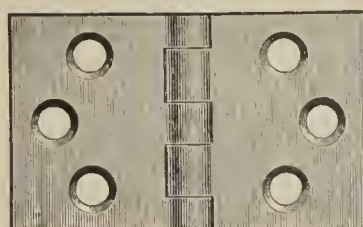
Narrow, 2 in.



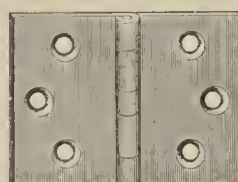
Middle, 2 in.



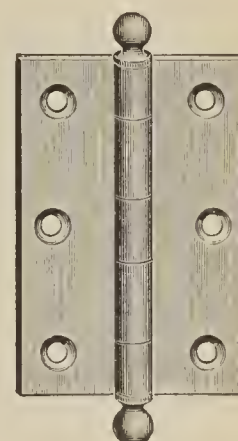
Broad, 2 in.



Desk, 2 in.



09, 1 1/2 x 2 in.



39, 039 1/2, 3 x 2 in.
Loose Steel Pins

Narrow—Wrought Brass, Unpolished

Size Lgth.	Width Open	Size Screw	Weight Doz. Prs.	Size Lgth.	Width Open	Size Screw	Weight Doz. Prs.	Size Lgth.	Width Open	Size Screw	Weight Doz. Prs.
1/2 in.	1/2 in.	0	2 oz.	1 1/4 in.	3/4 in.	3	5 oz.	2 in.	1 1/32 in.	5	15 oz.
3/4 in.	1 1/16 in.	2	3 oz.	1 1/2 in.	7/8 in.	4	8 oz.	2 1/2 in.	1 13/32 in.	6	28 oz.
1 in.	2 3/32 in.	2	4 oz.	1 3/4 in.	1 in.	5	12 oz.	3 in.	1 5/8 in.	8	44 oz.

Middle—Wrought Brass, Unpolished

1/2 in.	9/16 in.	0	1 1/2 oz.	1 1/4 in.	7/8 in.	4	7 oz.	2 in.	1 3/16 in.	5	12 oz.
3/4 in.	3/4 in.	2	2 oz.	1 1/2 in.	1 in.	4	8 oz.	2 1/2 in.	1 9/16 in.	6	31 oz.
1 in.	2 7/32 in.	3	5 oz.	1 3/4 in.	1 1/32 in.	5	12 oz.	3 in.	1 25/32 in.	8	48 oz.

Broad—Wrought Brass, Unpolished

1/2 in.	1 1/16 in.	0	1 1/2 oz.	1 1/4 in.	1 1/32 in.	4	7 oz.	2 in.	1 7/16 in.	5	20 oz.
3/4 in.	1 5/16 in.	3	3 oz.	1 1/2 in.	1 1/4 in.	5	12 oz.	2 1/2 in.	1 3/4 in.	6	33 oz.
1 in.	1 in.	3	5 oz.	1 3/4 in.	1 5/16 in.	5	16 oz.	3 in.	2 in.	8	55 oz.

Desk—Wrought Brass, Unpolished

3/4 in.	1 11/32 in.	3	5 oz.	1 1/4 in.	1 7/8 in.	4	12 oz.	1 3/4 in.	2 9/16 in.	6	34 oz.
1 in.	1 5/8 in.	4	8 oz.	1 1/2 in.	2 1/8 in.	5	20 oz.	2 in.	3 in.	7	48 oz.

Furnished with Brass Pins when so ordered. Furnished Polished, Nickel Plated Polished, and Nickel Plated Unpolished, when so ordered.

Sizes 1/2 to 2 in., one dozen pairs in a box, six boxes in a carton, without screws.

Sizes 2 1/2 to 3 in., one dozen pairs in a box, three boxes in a carton, without screws. Specify kind and size.

No. 39 Wrought Brass, Unpolished, Without Screws.

No. 039 1/2 Wrought Bronze, Polished, With Screws.

Size	Weight Doz. Prs.	Size	Weight Doz. Prs.	Size	Weight Doz. Prs.
1 1/2 x 1 1/4 in.	12 oz.	2 x 1 3/4 in.	26 oz.	2 1/2 x 2 1/2 in.	48 oz.
1 1/2 x 1 1/2 in.	15 oz.	2 x 2 in.	28 oz.	3 x 2 in.	58 oz.
1 3/4 x 1 1/4 in.	20 oz.	2 1/2 x 1 3/4 in.	36 oz.	3 x 2 1/2 in.	72 oz.
2 x 1 3/8 in.	26 oz.	2 1/2 x 2 in.	40 oz.	3 x 3 in.	88 oz.

No. 39: Up to 2 x 1 3/4, three dozen pairs; others, one dozen pairs in a box, without screws. No. 039 1/2: one dozen pairs in a box, with screws.

No. 09—Wrought Brass, Unpolished, Without Screws.

1 1/2 x 1 1/2 in.	16 oz.	2 x 1 1/2 in.	28 oz.	2 x 2 in.	36 oz.
1 1/2 x 2 in.	20 oz.	2 x 1 3/4 in.	32 oz.	2 1/2 x 2 1/2 in.	45 oz.

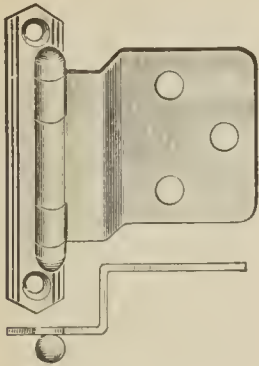
No. 09: Up to 2 x 1 1/2, six dozen pairs; to 2 1/2 x 2, three dozen pairs; 2 1/2 x 2 1/2, one dozen pairs in a box, without screws.

Specify Number, Size and Finish.

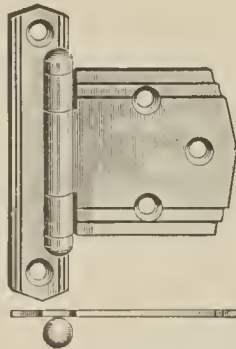
Finishes described on pages 16 to 18.

Cabinet Hinges

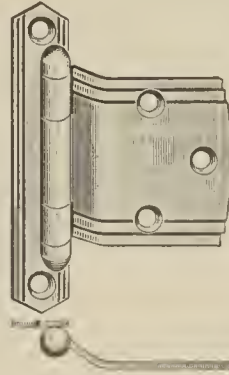
Illustrations One-half Size



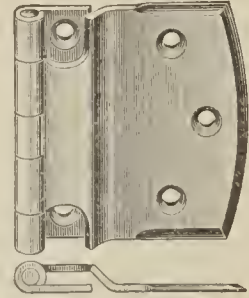
158-7158
Concealed Flap
For Lip Doors with $\frac{3}{8}$ in. Offset



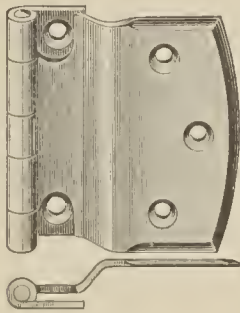
159-7159
For Flush Doors



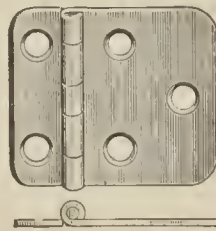
160-7160
For Lip Doors with $\frac{3}{8}$ in. Offset



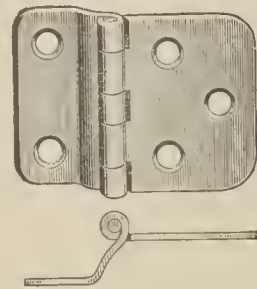
161-7161
For Flush Doors



162-7162
For Lip Doors with $\frac{3}{8}$ in. Offset



164-7164
For Flush Doors



165-7165
For Lip Doors with $\frac{3}{8}$ in. Offset

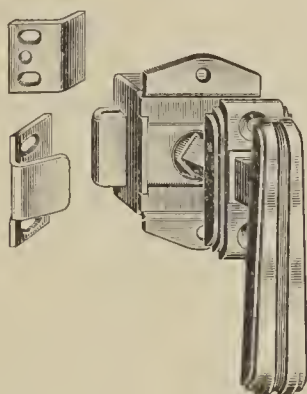
Number	Size	Width of Flaps	Description	Weight Doz. Pairs
158	$2\frac{3}{4} \times 2$ in.	$\frac{1}{2} \times 1\frac{1}{2}$ in.	Wrought Brass, Polished	$2\frac{3}{8}$ lbs.
159	$2\frac{3}{4} \times 2$ in.	$\frac{1}{2} \times 1\frac{1}{2}$ in.	Wrought Brass, Polished	$2\frac{1}{8}$ lbs.
160	$2\frac{3}{4} \times 2$ in.	$\frac{1}{2} \times 1\frac{1}{2}$ in.	Wrought Brass, Polished	$2\frac{1}{8}$ lbs.
161	2×2 in.	$\frac{9}{16} \times 1\frac{7}{8}$ in.	Wrought Brass, Polished	3 lbs.
162	2×2 in.	$\frac{9}{16} \times 1\frac{7}{8}$ in.	Wrought Brass, Polished	$2\frac{7}{8}$ lbs.
164	$1\frac{1}{2} \times 1\frac{3}{4}$ in.	$\frac{1}{2} \times 1\frac{1}{4}$ in.	Wrought Brass, Polished	$1\frac{3}{4}$ lbs.
165	$1\frac{1}{2} \times 1\frac{7}{8}$ in.	$\frac{5}{8} \times 1\frac{1}{4}$ in.	Wrought Brass, Polished	2 lbs.
7158	$2\frac{3}{4} \times 2$ in.	$\frac{1}{2} \times 1\frac{1}{2}$ in.	Wrought Steel, Plated	$2\frac{1}{8}$ lbs.
7159	$2\frac{3}{4} \times 2$ in.	$\frac{1}{2} \times 1\frac{1}{2}$ in.	Wrought Steel, Plated	2 lbs.
7160	$2\frac{3}{4} \times 2$ in.	$\frac{1}{2} \times 1\frac{1}{2}$ in.	Wrought Steel, Plated	2 lbs.
7161	2×2 in.	$\frac{9}{16} \times 1\frac{7}{8}$ in.	Wrought Steel, Plated	$2\frac{7}{8}$ lbs.
7162	2×2 in.	$\frac{9}{16} \times 1\frac{7}{8}$ in.	Wrought Steel, Plated	$2\frac{5}{8}$ lbs.
7164	$1\frac{1}{2} \times 1\frac{3}{4}$ in.	$\frac{1}{2} \times 1\frac{1}{4}$ in.	Wrought Steel, Plated	$1\frac{5}{8}$ lbs.
7165	$1\frac{1}{2} \times 1\frac{7}{8}$ in.	$\frac{5}{8} \times 1\frac{1}{4}$ in.	Wrought Steel, Plated	$1\frac{7}{8}$ lbs.

Specify Number and Finish.

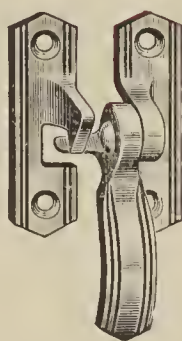
One dozen pair in a box, with screws.

Finishes described on pages 16 to 18.

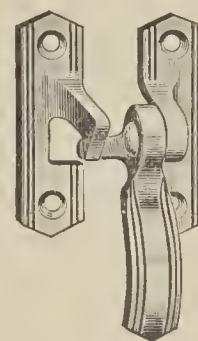
Cabinet Catches



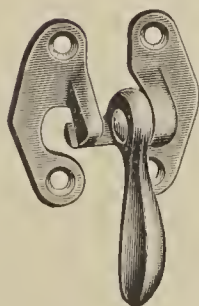
1158



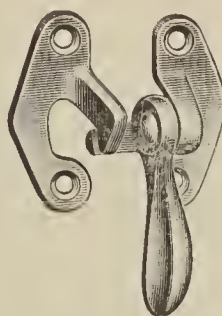
1159†
Right Hand



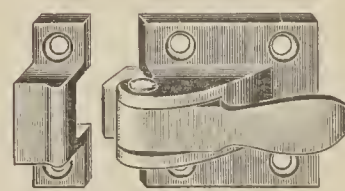
1160††
Right Hand, For Lip Doors



1164†
Right Hand



1165††
Right Hand, For Lip Doors



1174
Type of 1174½* 1175†

Number	Size Without Strikes	Description	Weight Dozen
1158	1⅜ x ¾ in.	Die Cast Metal	2 lbs.
1159†	2 x ⅞ in.	Die Cast Metal	1¼ lbs.
1160††	2 x ⅞ in.	Die Cast Metal	1¼ lbs.
1164†	1¾ x 1⅛ in.	Cast Brass or Bronze	1⅝ lbs.
1165††	1¾ x 1⅛ in.	Cast Brass or Bronze	1¾ lbs.
1174	1⅞ x 1⅞ in.	Cast Brass or Bronze	3¼ lbs.
1174½*	1⅞ x 1⅞ in.	Cast Brass or Bronze	3 lbs.
1175†	1⅞ x 1⅞ in.	Cast Brass or Bronze	3¼ lbs.

*Furnished with Flat Strike.

Specify Number, and Finish.

†Furnished with ⅜ in. Offset Strike.

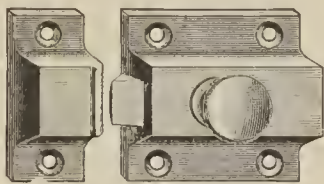
One dozen in box, with Screws.

††Not Reversible, Specify Hand.

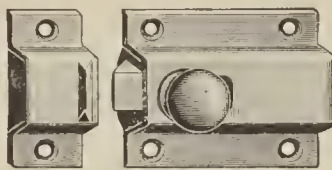
Finishes described on pages 16 to 18.

Cabinet and Cupboard Catches and Turns

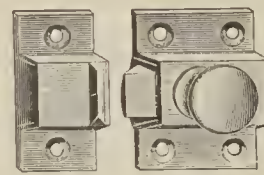
Illustrations One-half Size



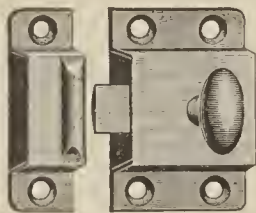
105 to 105 1/4
7105 to 7105 1/4



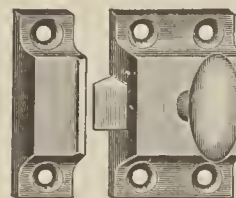
144, 7144



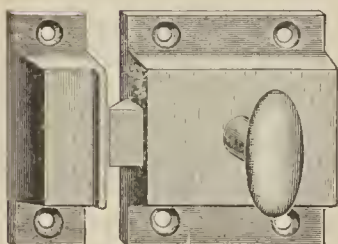
0705 to 0705 1/2
7205 to 7205 1/2



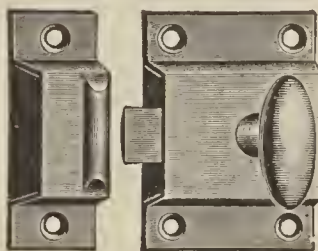
440, 7440



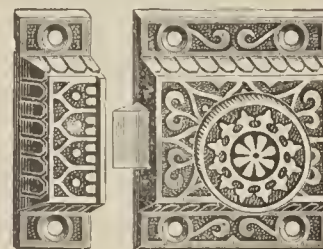
1123, 7123



1125, 7125



445, 7445



8314

Cabinet and Cupboard Catches

Brass or Bronze

Iron or Steel

Number	Size, Without Strikes	Description	Weight Dozen
0705	1 1/2 x 1 in.	Cast	1 5/8 lbs.
0705 1/4	1 1/2 x 1 1/4 in.	Cast	1 7/8 lbs.
0705 1/2	1 1/2 x 1 1/2 in.	Cast	2 lbs.
105	1 3/8 x 1 in.	Wrought	1 lb.
105 1/4	1 3/8 x 1 1/4 in.	Wrought	1 1/8 lbs.
144	1 3/8 x 1 3/4 in.	Wrought	1 3/8 lbs.

Number	Size, Without Strikes	Description	Weight Gross
7205	1 1/2 x 1 in.	Cast Iron	36 lbs.
7205 1/4	1 1/2 x 1 1/4 in.	Cast Iron	37 1/2 lbs.
7205 1/2	1 1/2 x 1 1/2 in.	Cast Iron	45 lbs.
7105	1 3/8 x 1 in.	Wght. Steel	21 lbs.
7105 1/4	1 3/8 x 1 1/4 in.	Wght. Steel	22 1/2 lbs.
7144	1 3/8 x 1 3/4 in.	Wght. Steel	30 lbs.

Brass or Bronze, one dozen; others, one-sixth gross in a box with screws.

One gross in a fibre container.

Cupboard Turns

Brass or Bronze

Iron or Steel

Number	Size, Without Strikes	Description	Weight Dozen
1123	1 3/4 x 1 1/8 in.	Cast	2 3/8 lbs.
1125	2 1/8 x 1 5/8 in.	Cast	4 lbs.
440	1 7/8 x 1 1/8 in.	Wrought	1 7/8 lbs.
445	2 1/8 x 1 5/8 in.	Wrought	2 3/8 lbs.

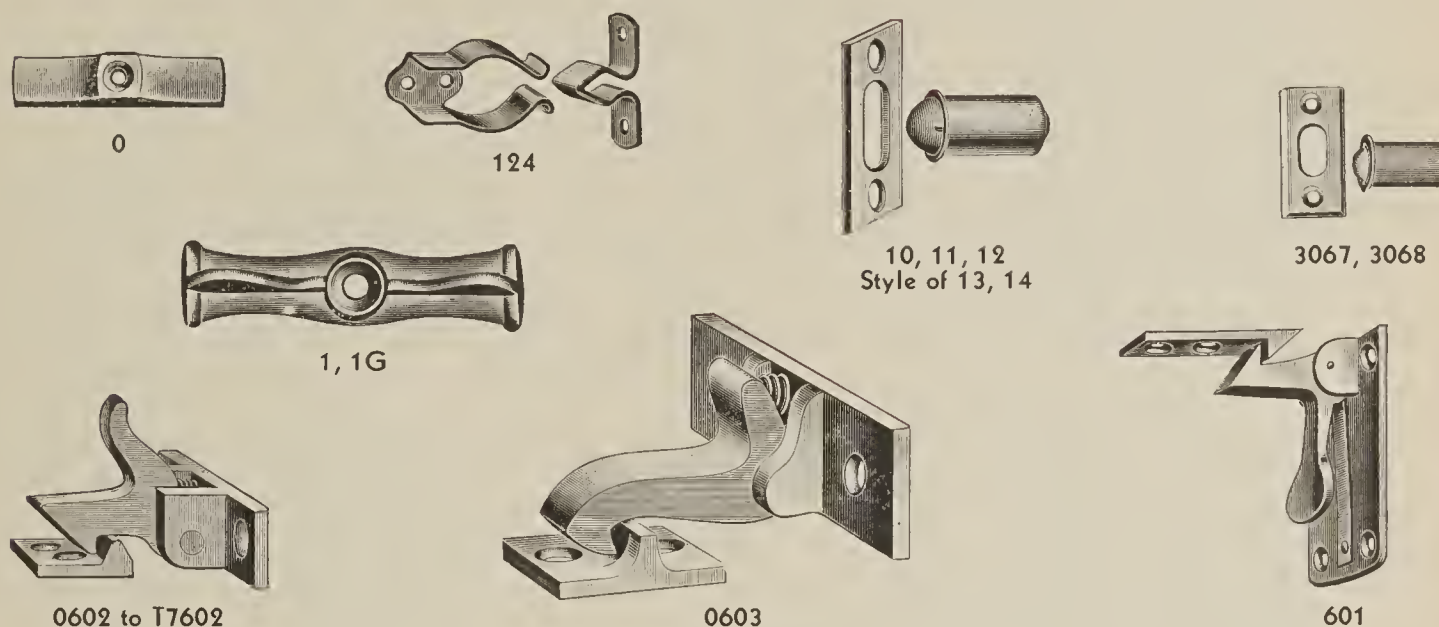
Number	Size, Without Strikes	Description	Weight Gross
7123	1 3/4 x 1 1/8 in.	Cast Iron	27 lbs.
7125	2 1/8 x 1 5/8 in.	Cast Iron	43 1/2 lbs.
8314	2 1/8 x 1 3/4 in.	Cast Iron	36 lbs.
7440	1 7/8 x 1 1/8 in.	Wght. Steel	21 lbs.
7445	2 1/8 x 1 5/8 in.	Wght. Steel	25 1/2 lbs.

Brass or Bronze, one dozen; others, one-twelfth gross in a box with screws.
Specify Number and Finish.

One gross in a fibre container.
Finishes described on pages 16 to 18.

Cupboard Turn Buttons, Elbow and Friction Catches

Illustrations One-half Size



Cupboard or Turn Buttons

No. 0 Cast Brass, Polished		No. 1 Cast Iron, Japanned		No. 1G Cast Iron, Galvanized	
Size	Weight, Gross	Size	Weight, Gross	Size	Weight, Gross
1½ in.	4⅛ lbs.	1½ in.	4⅜ lbs.	1½ in.	4¼ lbs.
1¾ in.	4⅝ lbs.	1¾ in.	6 lbs.	1¾ in.	6⅛ lbs.
2 in.	4⅞ lbs.	2 in.	7¼ lbs.	2 in.	7⅜ lbs.

One gross in a box, with screws.

Elbow Catches

Number	Plate	Projection	Strike	Description	Weight, Dozen
601	2⅛ x 1 in.	1⅝ in.	7/16 x 1⅞ in.	Cast Bronze	1¾ lbs.
7601	2⅛ x 1 in.	1⅝ in.	7/16 x 1⅞ in.	Cast Iron, Plated	1¾ lbs.
0602	5/8 x 1⅜ in.	1½ in.	5/8 x ¾ in.	Cast Bronze	1¼ lbs.
602½	5/8 x 1⅜ in.	1½ in.	5/8 x ¾ in.	Cast Brass or Bronze, Unpolished	1¼ lbs.
2602	5/8 x 1⅜ in.	1½ in.	5/8 x ¾ in.	Cast Iron, Japanned	1¼ lbs.
T7602	5/8 x 1⅜ in.	1½ in.	5/8 x ¾ in.	Cast Iron, Plated	1¼ lbs.
0603	1 x 2 in.	2¼ in.	¾ x 1½ in.	Cast Bronze	4½ lbs.

Nos. 601, 7601, one dozen; Nos. 2602, T7602, one-sixth gross; others two dozen in a box, with screws.

Friction Catches (Patented)

Number	Length	Diameter	Weight, Gross
10	3/8 in.	1/4 in.	1⅛ lbs.
11	3/4 in.	3/8 in.	4⅜ lbs.
12	1 in.	1/2 in.	10½ lbs.
13	1¼ in.	5/8 in.	21½ lbs.
14	1½ in.	¾ in.	36½ lbs.

One gross in a box, with screws.

Wrought Brass Case and Strike, Nickel Plated Ball

3067	1/2 in.	3/8 in.	Have 1/4 inch adjustment	3¾ lbs.
3068	3/4 in.	3/8 in.	Have 1/4 inch adjustment	4 lbs.

Half gross in a box, with screws.

Spring Type Friction Catch

Number	Catch Size	Projection	Strike Size	Description	Weight, Dozen
124	1¼ x 3/8 in.	5/8 in.	¾ x 1⅜ in.	Wrought Steel	7 oz.

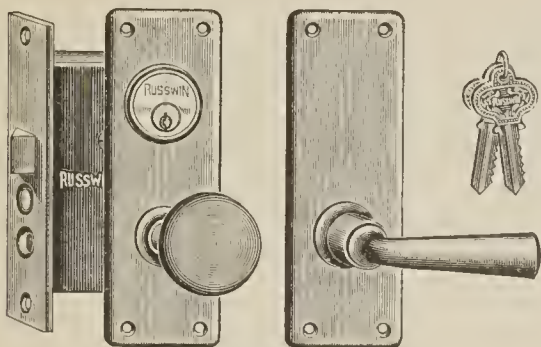
Three Dozen in a box with screws.

Specify Number, Size and Finish (if necessary).

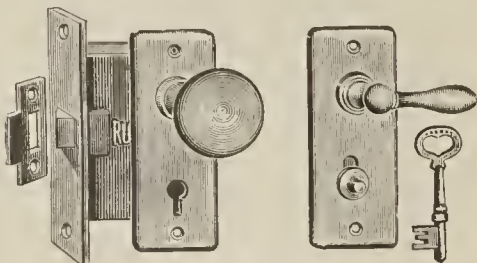
Finishes described on pages 16 to 18.

Screen Door Catches

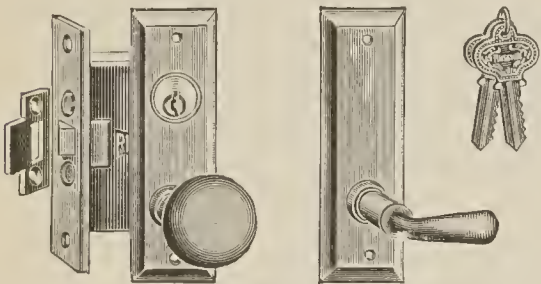
Illustrations One-quarter Size



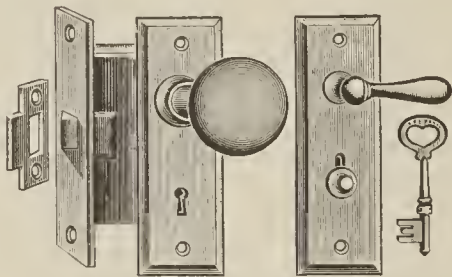
586, 587



564, 7564



568



564 1/2, 7564 1/2

Brass or Bronze

Suitable, also, for Thin Partition Doors

586—Japanned Iron Case, 4 x 2 1/2 x 5/8, Front, 5 1/2 x 7/8 in.
587—Japanned Iron Case, 4 x 3 x 5/8, Front, 5 1/2 x 7/8 in.
Bronze Cylinder—Two Liberty Silver Keys, Class No. 981.
Knob, 1 3/4 in.; Lever, 2 1/2 in.; Escutcheon, 6 x 2 in.
For Doors 1 3/8 to 1 3/4 in. thick.

Number	Backset	Front and Bolt	Knob	Lever	Escutcheons	Weight, Set
586	1 3/4 in.	Cast	Wrought	Cast	Cast	2 3/4 lbs.
587	2 1/4 in.	Cast	Wrought	Cast	Cast	2 7/8 lbs.
1586M	Same as 586 except Cylinder is Master Keyed					2 3/4 lbs.
1587M	Same as 587 except Cylinder is Master Keyed					2 7/8 lbs.

Japanned Iron Case, 3 x 2 1/4 x 1/2 in., Front, 4 3/8 x 1 1/16 in.
Bronze Cylinder—Two Liberty Silver Keys, Class No. 981.
Knob, 1 3/4 in.; Lever, 2 in.; Escutcheons, 5 1/4 x 1 3/8 in.
For Doors 1 1/4 to 1 3/4 in. thick.

Number	Backset	Front and Bolt	Knob	Lever	Escutcheons	Weight, Set
568	1 5/8 in.	Cast	Wrought	Cast	Wrought	1 1/2 lbs.

No. 568 cannot be Master-keyed: Cylinder plug only shows through outside Escutcheon.

Brass, Bronze or Iron

Japanned Iron Case, 3 x 2 1/4 x 1/2 in., Front, 4 3/8 x 1 1/16 in.
Two Tumblers—Two Nickel-Plated Steel Keys, Class No. 550 1/2.
Knob, 1 3/4 in.; Lever, 2 in.; Escutcheons, 4 x 1 1/2 in.
For Doors 7/8 to 1 1/2 in. Thick.

Number	Backset	Front and Bolt	Knob	Lever	Escutcheons	Weight, Set
564	1 5/8 in.	Cast	Wrought	Wrought	Wrought	1 lb.
564 1/2	1 5/8 in.	Cast	Wrought	Wrought	Wrought	1 3/8 lbs.
7564	1 5/8 in.	Cast Iron	Wrought Steel	Wrought Steel	Wrought Steel	1 lb.
7564 1/2	1 5/8 in.	Cast Iron	Wrought Steel	Wrought Steel	Wrought Steel	1 3/8 lbs.

One set in a box, with screws.
Specify Number and Finish.

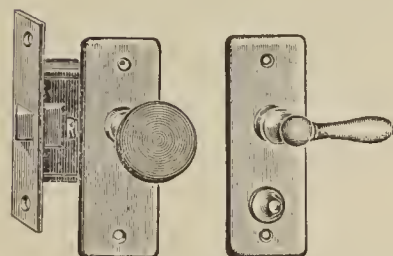
Three dozen in a fibre container.
Finishes described on pages 16 to 18.

Screen Door Catches

For Doors $\frac{7}{8}$ to $1\frac{1}{2}$ Inches Thick

Illustrations One-quarter Size

Mortise Type

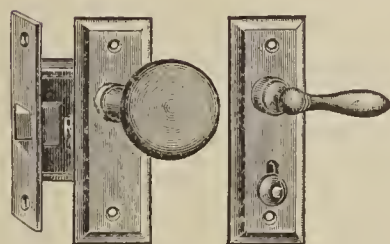


560, 7560

Number 560
Brass or Bronze, Polished

Number 7560
Wrought Steel, Polished

Case: $1\frac{3}{8} \times 1\frac{3}{4} \times \frac{9}{16}$ in., Cast Iron, Japanned.
Front: $2\frac{3}{4} \times \frac{3}{4}$ in., Wrought.
Backset: $1\frac{3}{8}$ in.
Knob: $1\frac{3}{4}$ in., Wrought.
Lever: 2 in., Wrought.
Escutcheon: $4 \times 1\frac{1}{2}$ in., Wrought.
Operation: Latch bolt operated by knob from outside, by lever from inside. Stop in the face of escutcheon will deadlock latchbolt.
Weights: No. 560, 12 lbs., No. 7560, $11\frac{1}{4}$ lbs. dozen.

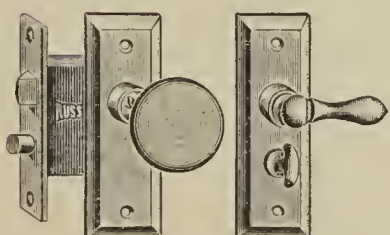


565, 7565

Number 565
Brass or Bronze, Polished

Number 7565
Wrought Steel, Polished

Case: $1\frac{3}{8} \times 1\frac{3}{4} \times \frac{9}{16}$ in., Cast Iron, Japanned.
Front: $2\frac{3}{4} \times \frac{3}{4}$ in., Wrought.
Backset: $1\frac{3}{8}$ in.
Knob: $1\frac{3}{4}$ in., Wrought.
Lever: 2 in., Wrought.
Escutcheon: $4 \times 1\frac{3}{8}$ in., Wrought.
Operation: Latch bolt operated by knob from outside, by lever from inside. Stop in the face of escutcheon will deadlock latchbolt.
Weights: No. 565, 12 lbs., No. 7565, $11\frac{1}{4}$ lbs. dozen.



575, 7575

Number 575
Brass or Bronze, Polished

Number 7575
Wrought Steel, Polished

Case: $2 \times 1\frac{3}{4} \times \frac{1}{2}$ in., Cast Iron, Japanned.
Front: $3\frac{1}{4} \times 1\frac{1}{16}$ in., Cast.
Backset: $1\frac{1}{4}$ in.
Knob: $1\frac{3}{4}$ in., Wrought.
Lever: 2 in., Wrought.
Escutcheon: $4 \times 1\frac{3}{8}$ in., Wrought.
Operation: Latch bolt operated by knob from outside, by lever from inside. Dead bolt operated from the inside by Turn Knob in face of escutcheon.
Weights: No. 575, 12 lbs., No. 7575, $11\frac{1}{2}$ lbs. dozen.

One set in a box, with screws.
Specify Number and Finish.

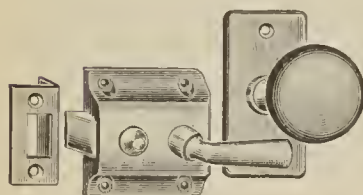
Three dozen in a fibre container, weight 35 lbs.
Finishes described on pages 16 to 18.

Screen Door Catches

For Doors $\frac{7}{8}$ to $1\frac{3}{8}$ Inches Thick

Illustrations One-quarter Size

Rim Type



510, T7510
Type of 514 and T7514

Brass or Bronze

510

Case: $2\frac{1}{4} \times 2\frac{1}{16}$ in., Cast, Polished.
Knob: $1\frac{3}{4}$ in., Wrought, Polished.
Lever: $1\frac{5}{8}$ in., Cast, Polished.
Escutcheon: $3 \times 1\frac{1}{2}$ in., Wrought, Polished.
Weight: $10\frac{3}{4}$ lbs. dozen.

512*

Case: $2\frac{1}{4} \times 2\frac{1}{16}$ in., Cast, Polished.
Knob: $1\frac{3}{4}$ in., Wrought, Polished.
Lever: $1\frac{5}{8}$ in., Cast, Polished.
Escutcheon: $3 \times 1\frac{1}{2}$ in., Wrought, Polished.
Weight: 11 lbs. dozen.

Iron

T7510

Case: $2\frac{1}{4} \times 1\frac{7}{8}$ in., Cast.
Knob: $1\frac{3}{4}$ in., Wrought Steel.
Lever: $1\frac{5}{8}$ in., Cast.
Escutcheon: $3 \times 1\frac{1}{2}$ in., Wrought Steel.
Weight: $10\frac{3}{4}$ lbs. dozen.

T7512*

Case: $2\frac{1}{4} \times 1\frac{7}{8}$ in., Cast.
Knob: $1\frac{3}{4}$ in., Wrought Steel.
Lever: $1\frac{5}{8}$ in., Cast.
Escutcheon: $3 \times 1\frac{1}{2}$ in., Wrought Steel.
Weight: 11 lbs. dozen.

Brass or Bronze

514

Description: Same as 510 but with beveled escutcheons $3\frac{1}{4} \times 1\frac{1}{2}$ in.

516

Description: Same as 512 but with beveled escutcheons $3\frac{1}{4} \times 1\frac{1}{2}$ in.

Iron

T7514

Description: Same as T7510 but with beveled escutcheons $3\frac{1}{4} \times 1\frac{1}{2}$ in.

T7516

Description: Same as T7512 but with beveled escutcheons $3\frac{1}{4} \times 1\frac{1}{2}$ in.

Brass or Bronze

0515*

Case: $3\frac{1}{8} \times 2$ in., Cast, Polished.
Levers: $1\frac{5}{8}$ in., Cast, Polished.
Escutcheon: $3\frac{1}{4} \times 1\frac{1}{2}$ in., Wrought, Polished.
Weight: $13\frac{1}{2}$ lbs. dozen.

0515RB

Case: $3\frac{1}{8} \times 2$ in., Cast, Polished.
Knob: $1\frac{3}{4}$ in., Cast, Polished.
Lever: $1\frac{5}{8}$ in., Cast, Polished.
Escutcheon: $3\frac{1}{4} \times 1\frac{1}{2}$ in., Wrought, Polished.
Weight: $14\frac{1}{4}$ lbs. dozen.

Iron

7515*

Case: $3\frac{1}{8} \times 2$ in., Cast, Polished.
Levers: $1\frac{5}{8}$ in., Cast, Polished.
Escutcheon: $3\frac{1}{4} \times 1\frac{1}{2}$ in., Wrought Steel, Polished.
Weight: $12\frac{3}{4}$ lbs. dozen.

7515RB

Case: $3\frac{1}{8} \times 2$ in., Cast, Polished.
Knob: $1\frac{3}{4}$ in., Cast, Polished.
Lever: $1\frac{5}{8}$ in., Cast, Polished.
Escutcheon: $3\frac{1}{4} \times 1\frac{1}{2}$ in., Wrought Steel, Polished.
Weight: $13\frac{1}{2}$ lbs. dozen.

One set in a box, with screws.

8500, 8502*

Cast Iron, Kahala Finish



8500
8502 with Box Strike

Case: $2\frac{1}{4} \times 1\frac{7}{8}$ in., Cast.
Knob: $1\frac{3}{8}$ in., Cast.
Escutcheon: $2\frac{1}{4} \times 1$ in., Cast.
Weight: 8500, $7\frac{3}{4}$ lbs. dozen. 8502, 8 lbs. dozen.

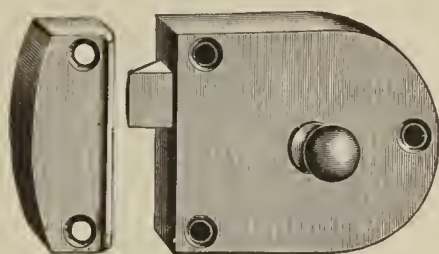
Quarter-dozen in a box, with screws.
Specify Number and Finish.

*For doors opening in.

Three dozen in a fibre container.
Finishes described on pages 16 to 18.

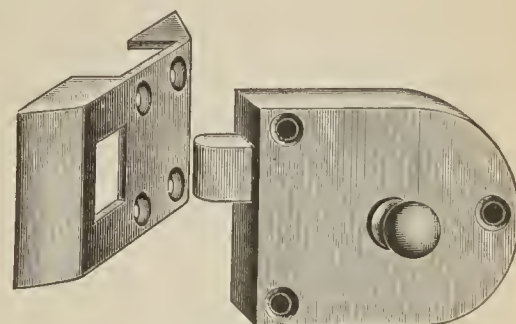
Secret Gate and Showcase Catches, Flush Rings

Illustrations One-half Size



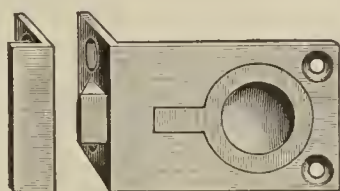
656, 2556, 7556

Operates by pressure of finger to the under side of latch case. The knob has no effect upon the latch bolt.



656 1/2, 2556 1/2, 7556 1/2

Operates by pressure of finger to the under side of latch case. The knob has no effect upon the latch bolt.



059, 060



10
Type of 11

Secret Gate Catches Single Acting

Reversible for Right or Left-Hand Gates. Furnished to Order with Reverse Bevel Strikes

Number	Size	Description	Weight, Dozen
656	2 x 2 1/2 in.	Cast Brass or Bronze	7 lbs.
7556	2 x 2 1/2 in.	Cast Iron	6 5/8 lbs.
2556	2 x 2 1/2 in.	Cast Iron Japanned	6 1/2 lbs.

Double Acting

656 1/2	2 x 2 1/2 in.	Cast Brass or Bronze	8 1/8 lbs.
7556 1/2	2 x 2 1/2 in.	Cast Iron	7 3/8 lbs.
2556 1/2	2 x 2 1/2 in.	Cast Iron Japanned	7 3/4 lbs.

Half dozen in a box, with screws.

All numbers, including Japanned, packed with screws.

Showcase Catches

059	1 1/16 x 1 1/2 in.	Cast Brass or Bronze	1 1/8 lbs.
060	1 1/4 x 2 in.	Cast Brass or Bronze	1 1/2 lbs.

One dozen in a box, with screws.

Flush Rings Specify Size

Number	Size	Size Plate	Description	Weight, Dozen
10	1 1/8 in.	1 1/2 x 1 1/8 in.	Cast Brass	7/8 lb.
10	1 1/4 in.	1 5/8 x 1 1/4 in.	Cast Brass	1 1/8 lbs.
10	1 1/2 in.	1 7/8 x 1 1/2 in.	Cast Brass	1 1/4 lbs.
11 †	2 1/4 in.	2 1/4 x 2 1/4 in.	Cast Bronze	2 7/8 lbs.

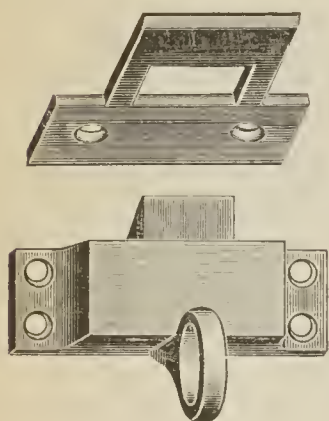
†To Navy Specifications No. 42P2.

Three dozen in a box, with screws.

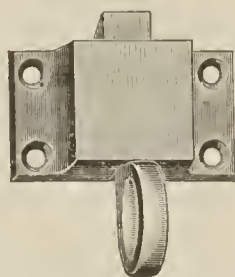
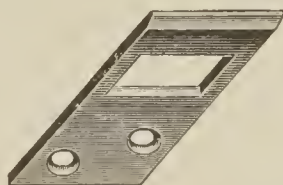
Specify Number and Finish. Finishes described on pages 16 to 18.

Transom Catches

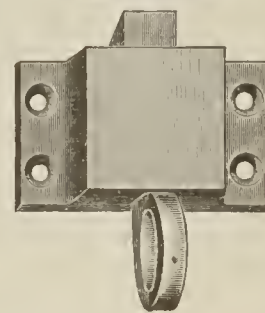
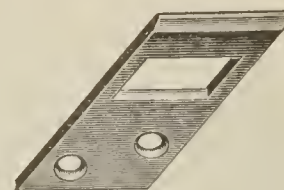
Illustrations One-half Size



0762 1/2



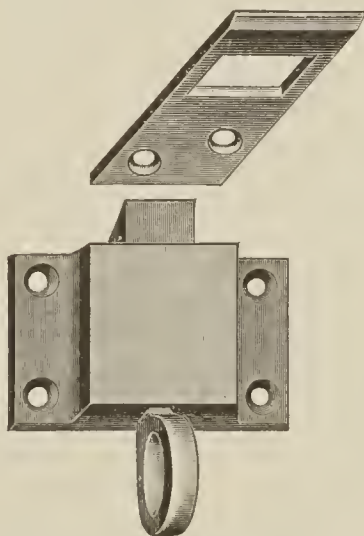
0745 1/2, 7745 1/2, T7745 1/2, 8745 1/2



0746 1/2, 7746 1/2, T7746 1/2, 8746 1/2



Angle Strike for Reverse Bevel Catches
Furnished to order. Suffix RB when ordering with Angle Strike.



0747 1/2, 7747 1/2, T7747 1/2, 8747 1/2
Type of 7760 1/2, T7760 1/2, 8760 1/2



Box Strike
Furnished to order. Omit suffix 1/2 when ordering with Box Strike.

Cast Brass and Bronze, Polished

Cast Iron, Plated, Polished

Number With Flat Strike	Size Without Strike	Weight, Dozen
0745 1/2	1 1/8 x 2 in.	2 1/2 lbs.
0746 1/2	1 3/8 x 2 1/4 in.	3 1/2 lbs.
0747 1/2	1 1/2 x 2 1/2 in.	4 3/8 lbs.
0762 1/2	1 x 2 3/4 in.	5 lbs.

Cast Iron, Plated

T7745 1/2	1 1/8 x 2 in.	2 5/8 lbs.
T7746 1/2	1 3/8 x 2 1/4 in.	3 3/8 lbs.
T7747 1/2	1 1/2 x 2 1/2 in.	4 1/8 lbs.

Malleable Iron, Plated

T7760 1/2	1 3/4 x 2 3/4 in.	5 1/8 lbs.
-----------	-------------------	------------

Number With Flat Strike	Size Without Strike	Weight, Dozen
7745 1/2	1 1/8 x 2 in.	2 1/2 lbs.
7746 1/2	1 3/8 x 2 1/4 in.	3 1/4 lbs.
7747 1/2	1 1/2 x 2 1/2 in.	4 1/8 lbs.

Malleable Iron, Plated, Polished

7760 1/2	1 3/4 x 2 3/4 in.	5 1/8 lbs.
----------	-------------------	------------

Cast Iron, Kahala

8745 1/2	1 1/8 x 2 in.	2 1/2 lbs.
8746 1/2	1 3/8 x 2 1/4 in.	3 3/8 lbs.
8747 1/2	1 1/2 x 2 1/2 in.	4 lbs.

Malleable Iron, Kahala

8760 1/2	1 3/4 x 2 3/4 in.	5 1/4 lbs.
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Specify Number and Finish.

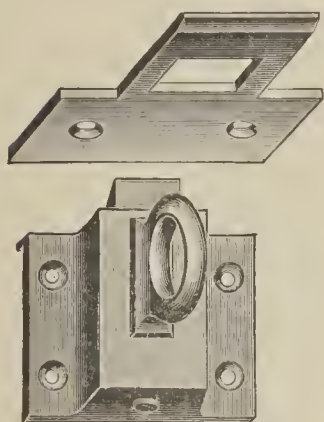
Finishes described on pages 16 to 18.

One dozen in a box, with screws.

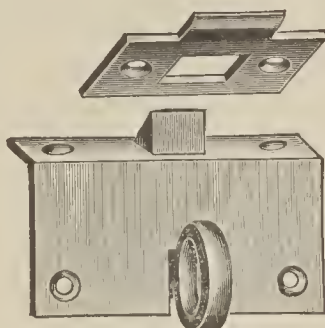
All numbers except 0762 1/2 packed twelve dozen in fibre container.

Transom Catches

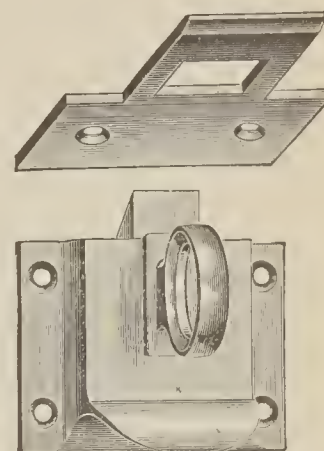
Illustrations One-half Size



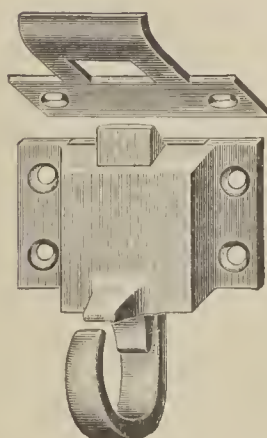
0753 $\frac{1}{2}$, 7753 $\frac{1}{2}$
Type of 0754 $\frac{1}{2}$



0751 $\frac{1}{2}$
Selfedge, $\frac{3}{4}$ inch



0752 $\frac{1}{2}$, 7752 $\frac{1}{2}$



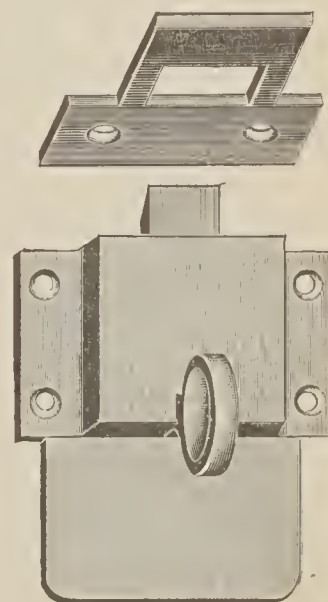
0748 $\frac{1}{2}$, 7748 $\frac{1}{2}$



Angle Strike for Reverse Bevel Catches
Furnished to order. Suffix RB when
ordering with Angle Strike.



Box Strike
Furnished to order. Omit suffix $\frac{1}{2}$ *
when ordering with Box Strike.



0764 $\frac{1}{2}$

Cast Brass and Bronze, Polished

Cast Iron, Plated, Polished

Number With Flat Strike	Size Without Strike	Weight, Dozen	Number With Flat Strike	Size Without Strike	Weight, Dozen
0748 $\frac{1}{2}$	1 $\frac{1}{4}$ x 2 $\frac{1}{8}$ in.	4 lbs.	7748 $\frac{1}{2}$	1 $\frac{1}{4}$ x 2 $\frac{1}{8}$ in.	4 lbs.
0751 $\frac{1}{2}$	1 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in.	4 $\frac{1}{4}$ lbs.	7752 $\frac{1}{2}$	1 $\frac{7}{8}$ x 2 $\frac{1}{2}$ in.	6 lbs.
0752 $\frac{1}{2}$	1 $\frac{7}{8}$ x 2 $\frac{1}{2}$ in.	5 $\frac{3}{8}$ lbs.	7753 $\frac{1}{2}$ *	1 $\frac{5}{8}$ x 2 in.	4 $\frac{3}{8}$ lbs.
0753 $\frac{1}{2}$ *	1 $\frac{5}{8}$ x 2 in.	5 lbs.			
0754 $\frac{1}{2}$ *	1 $\frac{1}{4}$ x 2 $\frac{1}{8}$ in.	4 lbs.			
0764 $\frac{1}{2}$ †	1 $\frac{3}{4}$ x 2 $\frac{3}{4}$ in.	8 lbs.			

*In closing, the latch bolt works independently of the ring.

†Apron Projects 1 $\frac{3}{8}$ inches.

Specify Number and Finish.

Finishes described on pages 16 to 18.

One dozen in a box, with screws.

Transom Chains

Illustrations One-third Size

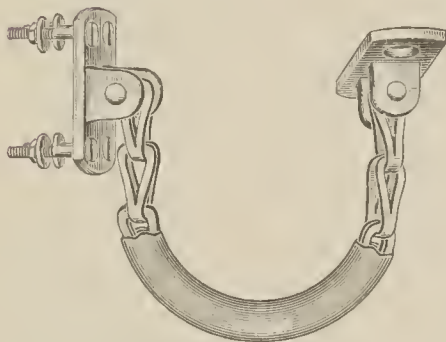


53* to T7053



54*, T7054

*Nos. 53, 54, T7053, T7054: Can be furnished with spring snap on one end, or with rubber-covered chain.



RC55

Size of Brackets $2\frac{1}{4} \times 1$ in.



7052



60

Government Type

Size of Brackets $2\frac{1}{4} \times 1$ in.



7050G, T7050

Wrought Brass or Bronze

Number	Length	Description	Weight, Dozen
53*	12 in.	Polished	2½ lbs.
53*	15 in.	Polished	2¾ lbs.
54*	12 in.	Polished	3¾ lbs.
54*	15 in.	Polished	3⅞ lbs.
T53	12 in.	Unpolished	2¼ lbs.
T53	15 in.	Unpolished	2⅝ lbs.

Cast Brass or Bronze With Rubber Covered Chain

RC55	12 in.	Polished	8½ lbs.
RC55	15 in.	Polished	9½ lbs.
RC55	18 in.	Polished	10½ lbs.

Cast Brass or Bronze

Number	Length	Description	Weight, Dozen
60	12 in.	Polished	5½ lbs.
60	15 in.	Polished	6¼ lbs.
60	18 in.	Polished	7 lbs.
60	24 in.	Polished	7¾ lbs.

Wrought Steel

T7053*	12 in.	Plated	2¼ lbs.
T7053*	15 in.	Plated	2⅜ lbs.
T7054*	12 in.	Plated	3¼ lbs.
T7054*	15 in.	Plated	3⅝ lbs.
7050G	12 in.	Galvanized	1½ lbs.
7050G	15 in.	Galvanized	1⅞ lbs.
T7050	12 in.	Plated	1⅝ lbs.
T7050	15 in.	Plated	1½ lbs.
7052	12 in.	Plated	1⅞ lbs.

RC55 Sash Bracket furnished with four No. 8 through bolts, nuts and washers; Sill Bracket with two No. 12 Spanner Head wood screws. RC55, half dozen in a box, with screws; others, one dozen in a box, with screws.

Specify Number, Size and Finish.

Finishes described on pages 16 to 18.

Sash Centers

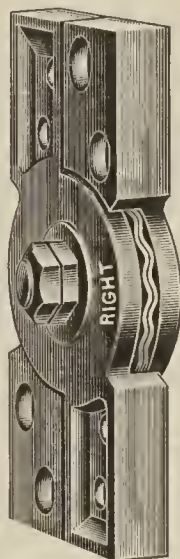
Mortise

For Horizontal or Vertical Pivoted Sash

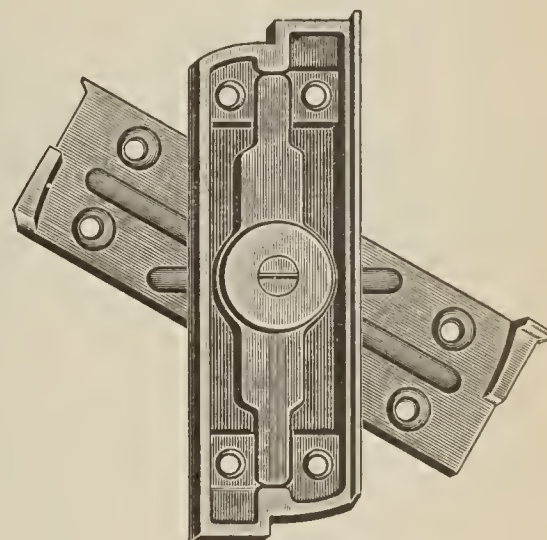
Illustrations One-half Size



301 $\frac{3}{8}$ to 9302 $\frac{1}{4}$
Half Set



321 $\frac{3}{8}$ to T7322 $\frac{1}{4}$
Half Set



451 $\frac{3}{8}$ to T9452 $\frac{1}{4}$
Half Set

For $\frac{1}{2}$ Inch Rabbet

Nos. 301 $\frac{3}{8}$ to 302 $\frac{1}{2}$ Have Steel Washers

Number	Size	Description	Weight, Set	Number	Size	Description	Weight, Set
301 $\frac{3}{8}$	4 $\frac{1}{8}$ x 1 $\frac{3}{8}$ in.	Cast Brass or Bronze Polished	1 $\frac{1}{4}$ lbs.	T7301 $\frac{3}{8}$	4 $\frac{1}{8}$ x 1 $\frac{3}{8}$ in.	Cast Iron Plated	1 $\frac{1}{2}$ lbs.
301 $\frac{3}{4}$	4 $\frac{1}{8}$ x 1 $\frac{3}{4}$ in.	Cast Brass or Bronze Polished	1 $\frac{1}{2}$ lbs.	T7301 $\frac{3}{4}$	4 $\frac{1}{8}$ x 1 $\frac{3}{4}$ in.	Cast Iron Plated	1 $\frac{5}{8}$ lbs.
302	4 $\frac{1}{8}$ x 2 in.	Cast Brass or Bronze Polished	1 $\frac{1}{2}$ lbs.	T7302	4 $\frac{1}{8}$ x 2 in.	Cast Iron Plated	1 $\frac{5}{8}$ lbs.
302 $\frac{1}{4}$	4 $\frac{1}{8}$ x 2 $\frac{1}{4}$ in.	Cast Brass or Bronze Polished	2 $\frac{3}{4}$ lbs.	T7302 $\frac{1}{4}$	4 $\frac{1}{8}$ x 2 $\frac{1}{4}$ in.	Cast Iron Plated	1 $\frac{3}{4}$ lbs.
				Number	Size	Description	Weight, Set
				T9301 $\frac{3}{8}$	4 $\frac{1}{8}$ x 1 $\frac{3}{8}$ in.	Cast Iron Coppered	1 $\frac{1}{2}$ lbs.
				T9301 $\frac{3}{4}$	4 $\frac{1}{8}$ x 1 $\frac{3}{4}$ in.	Cast Iron Coppered	1 $\frac{5}{8}$ lbs.
				T9302	4 $\frac{1}{8}$ x 2 in.	Cast Iron Coppered	1 $\frac{5}{8}$ lbs.
				T9302 $\frac{1}{4}$	4 $\frac{1}{8}$ x 2 $\frac{1}{4}$ in.	Cast Iron Coppered	1 $\frac{3}{4}$ lbs.

Four sets in box, with screws.

Corrugated Steel Friction Washers and Tempered Springs

Number	Size	Description	Weight, Set	Number	Size	Description	Weight, Set
321 $\frac{3}{8}$	4 $\frac{11}{16}$ x 1 $\frac{3}{8}$ in.	Cast Brass or Bronze Polished	1 $\frac{7}{8}$ lbs.	T7321 $\frac{3}{8}$	4 $\frac{11}{16}$ x 1 $\frac{3}{8}$ in.	Malleable Iron Plated	1 $\frac{7}{8}$ lbs.
321 $\frac{3}{4}$	4 $\frac{11}{16}$ x 1 $\frac{3}{4}$ in.	Cast Brass or Bronze Polished	1 $\frac{7}{8}$ lbs.	T7321 $\frac{3}{4}$	4 $\frac{11}{16}$ x 1 $\frac{3}{4}$ in.	Malleable Iron Plated	1 $\frac{7}{8}$ lbs.
322	4 $\frac{11}{16}$ x 2 in.	Cast Brass or Bronze Polished	2 lbs.	T7322	4 $\frac{11}{16}$ x 2 in.	Malleable Iron Plated	2 lbs.
322 $\frac{1}{4}$	5 x 2 $\frac{1}{4}$ in.	Cast Brass or Bronze Polished	2 lbs.	T7322 $\frac{1}{4}$	5 x 2 $\frac{1}{4}$ in.	Malleable Iron Plated	2 lbs.

Two sets in box, with screws.

For Flat Rail or $\frac{1}{2}$ Inch Rabbet Heavy Coil Tension Spring

Number	Size	Description	Weight, Set	Number	Size	Description	Weight, Set
451 $\frac{3}{8}$	4 $\frac{5}{8}$ x 1 $\frac{3}{8}$ in.	Cast Brass or Bronze Polished	1 $\frac{5}{8}$ lbs.	T7451 $\frac{3}{8}$	4 $\frac{5}{8}$ x 1 $\frac{3}{8}$ in.	Cast Iron Plated	1 $\frac{1}{2}$ lbs.
451 $\frac{3}{4}$	4 $\frac{5}{8}$ x 1 $\frac{3}{4}$ in.	Cast Brass or Bronze Polished	2 lbs.	T7451 $\frac{3}{4}$	4 $\frac{5}{8}$ x 1 $\frac{3}{4}$ in.	Cast Iron Plated	1 $\frac{7}{8}$ lbs.
452 $\frac{1}{4}$	4 $\frac{5}{8}$ x 2 $\frac{1}{4}$ in.	Cast Brass or Bronze Polished	2 $\frac{1}{2}$ lbs.	T7452 $\frac{1}{4}$	4 $\frac{5}{8}$ x 2 $\frac{1}{4}$ in.	Cast Iron Plated	2 lbs.
				Number	Size	Description	Weight, Set
				T9451 $\frac{3}{8}$	4 $\frac{5}{8}$ x 1 $\frac{3}{8}$ in.	Cast Iron Coppered	1 $\frac{1}{2}$ lbs.
				T9451 $\frac{3}{4}$	4 $\frac{5}{8}$ x 1 $\frac{3}{4}$ in.	Cast Iron Coppered	1 $\frac{7}{8}$ lbs.
				T9452 $\frac{1}{4}$	4 $\frac{5}{8}$ x 2 $\frac{1}{4}$ in.	Cast Iron Coppered	2 lbs.

Four sets in a box, with screws.

When ordering half sets, specify hand.

Specify Number and Finish.

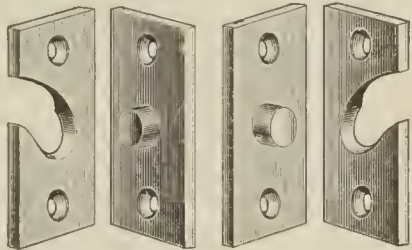
Finishes described on pages 16 to 18.

Sash Centers

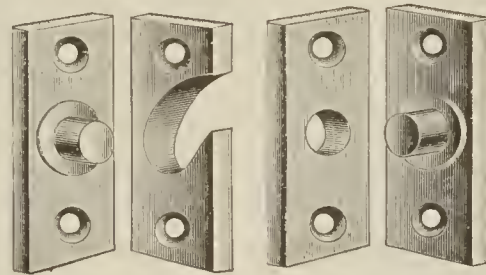
Mortise

For Horizontal or Vertical Pivoted Sash

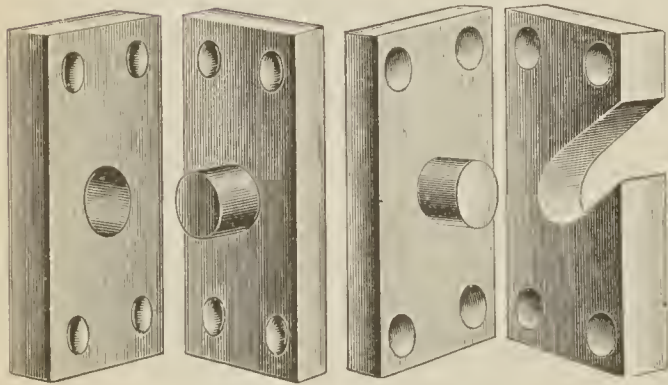
Illustrations One-half Size



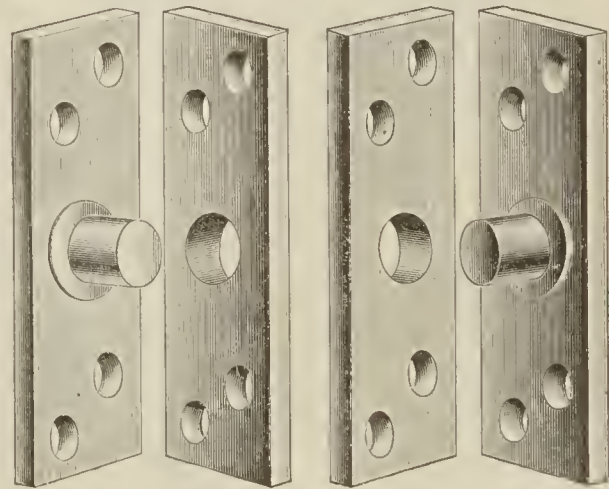
2003



5, 2005, T7005



20, 2020, T7020



22

Number	Plates	Pin	Description	Weight, Dozen Sets
2003	1 7/8 x 3/4 x 3/32 in.	3/8 in.	Cast Iron, Japanned	2 3/8 lbs.
5	2 1/4 x 7/8 x 1/8 in.	3/8 in.	Cast Bronze, Polished	4 lbs.
T7005	2 1/4 x 7/8 x 1/8 in.	3/8 in.	Cast Iron, Plated	4 1/8 lbs.
2005	2 1/4 x 7/8 x 1/8 in.	3/8 in.	Cast Iron, Japanned	4 1/8 lbs.

Thickness of Plates: Jamb Plate, 1/4 Inch; Sash Plate, 3/8 Inch

20	2 3/4 x 1 5/16 in.	1/2 in.	Cast Bronze, Polished	10 3/4 lbs.
T7020	2 3/4 x 1 5/16 in.	1/2 in.	Cast Iron, Plated	10 3/8 lbs.
2020	2 3/4 x 1 5/16 in.	1/2 in.	Cast Iron, Japanned	10 3/8 lbs.
22	4 x 1 1/4 x 3/16 in.	5/8 in.	Cast Bronze, Polished	17 3/4 lbs.

Nos. 2003, T7005, 2005, three dozen sets; 5, one dozen sets; others, half dozen sets in a box.

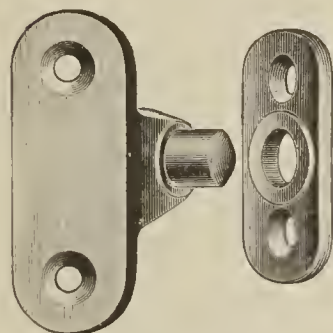
Specify Number and Finish. Finishes described on pages 16 to 18.

All numbers, including Japanned, packed with screws.

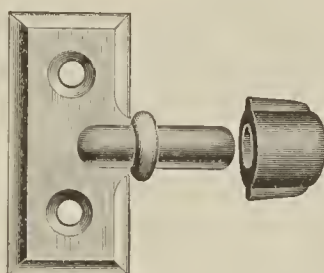
Sash Centers

Surface

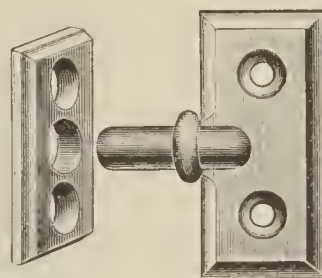
Illustrations One-half Size



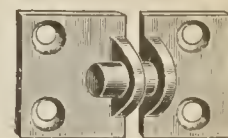
T7041 1/2 to T7042



2033, 2034



2035, 2036



T7030, T9030

Illustrations Show Half Sets

Number	Plates	Pin	Description	Weight, Dozen Sets
Back of Plate to Center of Pin, 3/4 Inch				
T7041 1/2	2 3/8 x 7/8 in.	3/8 in.	Cast Iron, Plated	4 1/8 lbs.
2041 1/2	2 3/8 x 7/8 in.	3/8 in.	Cast Iron, Japanned	4 1/8 lbs.
Back of Plate to Center of Pin, 7/8 Inch				
T7041 3/4	2 3/4 x 1 in.	1/2 in.	Cast Iron, Plated	6 3/4 lbs.
2041 3/4	2 3/4 x 1 in.	1/2 in.	Cast Iron, Japanned	6 3/4 lbs.
Back of Plate to Center of Pin, 1 Inch				
T7042	3 3/8 x 1 3/16 in.	9/16 in.	Cast Iron, Plated	12 lbs.
2042	3 3/8 x 1 3/16 in.	9/16 in.	Cast Iron, Japanned	12 lbs.
With Round Socket				
2033	2 3/8 x 1 in.	3/8 in.	Cast Iron, Japanned	5 3/8 lbs.
2034	3 x 1 1/2 in.	1/2 in.	Cast Iron, Japanned	9 lbs.
With Flat Socket				
2035	2 3/8 x 1 in.	3/8 in.	Cast Iron, Japanned	6 3/8 lbs.
2036	3 x 1 1/2 in.	1/2 in.	Cast Iron, Japanned	10 3/4 lbs.
With Angle Socket				
T7030	1 3/4 x 1 1/4 in.	3/8 in.	Cast Iron, Plated	3 3/8 lbs.
T9030	1 3/4 x 1 1/4 in.	3/8 in.	Cast Iron, Coppered	3 3/8 lbs.

All numbers, including Japanned, packed with screws.

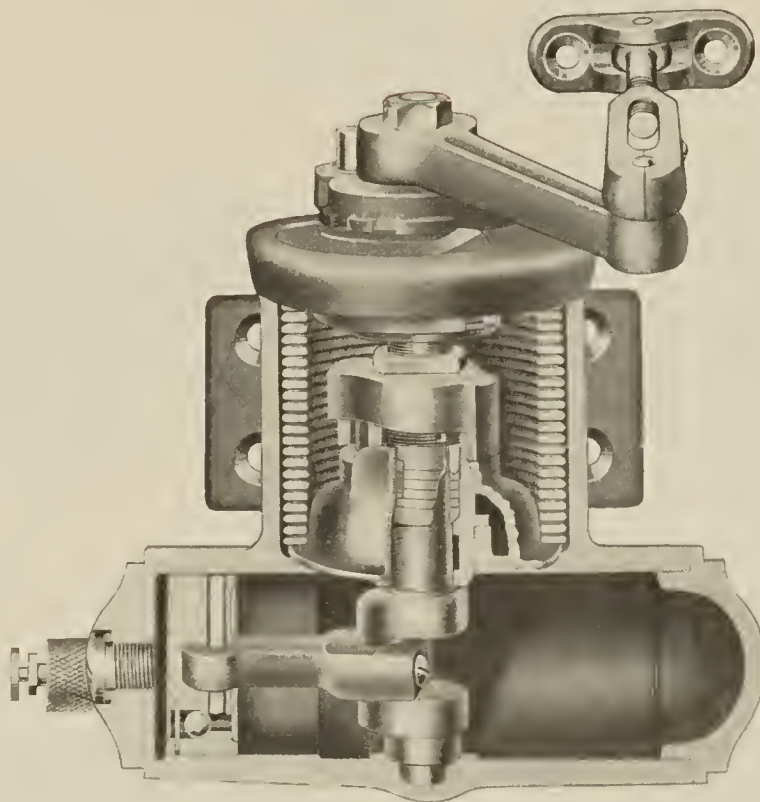
Nos. T7042 to 2042, half dozen sets; Nos. T7041 1/2, 2041 1/2, T7041 3/4, 2041 3/4, 2033 to 2036, one dozen sets;

Nos. T7030, T9030, three dozen sets, in a box.

Specify Number and Finish.

Finishes described on pages 16 to 18.

Door Closer Construction



The Working Parts

The working parts are of malleable iron and drop-forged steel, machined to a perfect fit, all parts being interchangeable in the same size Closer.

Guarantee

Russwin Door Closers are guaranteed against defects in material and workmanship. Every size Closer is thoroughly tested and adjusted to operate on a full size right or left hand door, before leaving the factory, and is **READY TO APPLY** to door operated under ordinary conditions. Directions, packed with each Closer, explain fully how adjustment can be made to meet unusual conditions.

We do not assume any responsibility however, for breakages occurring where a smaller size Closer, than is suitable for the door, is used. The table of sizes, on page 464, gives the load which each Closer is intended to carry.

Operation

The Russwin Door Closer is reversible and will operate a right or left hand door without reversing either the arm or spring.

The closing power of a Russwin Door Closer is obtained from a coiled spring. The checking power is controlled by a piston, moving in a cylinder filled with a special non-freezing liquid. As the door is opened the piston is drawn toward the shaft, the liquid passing freely through the ball valve located on the bottom of the piston. As the door closes, the liquid confined by the piston can escape only through the ports controlled by a regulating valve.

Liquid

The liquid used in Russwin Door Closers is especially prepared to withstand wide ranges of temperature without change in density or viscosity. This results in a uniform closing speed in winter and summer. This liquid is composed of a formula of pure glycerine and denatured alcohol, which not only controls the action of the Door Closer but lubricates all moving parts with which it comes in contact.

Russwin Door Closer liquid should always be used in Russwin Door Closers.

8141 /
"400" DOOR CLOSER SPECIFICATION

Semi-Concealed Door Closers specified shall be of the type partially mortised into the top rail of the door with operating spindle positioned beyond the door face; shall have through hardened rack and pinion, rack drop forged; three range closing control by means of two independent valves and adjustable closer arms; two helical compression springs; forged steel closer arm and tubular steel frame arm; operating spindle mounted in two fully ground ball bearings; common mortise through use of one size of case with five varying spring capacities; common location of mortise for all degrees of door opening; concealed automatic hold-open where specified.

VIC

Salesman

Pros. No.

Date

Job

Location

Owner

Architect

Contractor

Building Cost

Reply By

Will quote on this job thru

Who buys hardware?

Approx. Amt. Required

Allowance

Who will write Specs.

Make Specified

Shall we write Dealer ☐ Owner ☐ Architect ☐ Contractor ☐

RUSSWIN SPECIALTIES

Can S. C. Closer #400 Be Spec.

Will Archt. Accept.

Can Russwin Panic Bolts Be Spec.

" " "

Can Russwin-Newton Pivot Be Spec.

" " "

Can Russwin Surface Closer Be Spec.

" " "

Can Russwin Overhead Door Holders Be Spec.

" " "

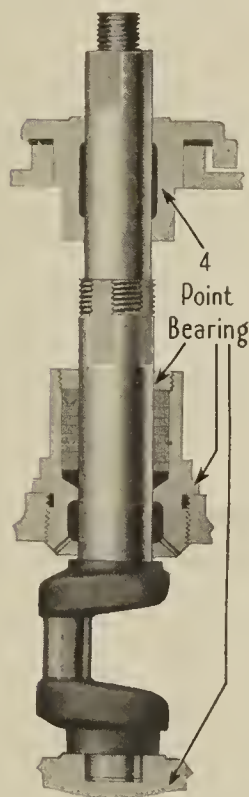
REMARKS:

Door Closer Construction

Crank Shaft

The Crank Shaft, of one piece drop forged steel, is made to a size to sustain any severe shock to which it may be subjected. It is carefully and accurately machined to a smoothness that will eliminate friction and assure long life.

Crank Shaft construction is a principle as old as Watt's first steam engine; a basic principle upon which it has been impossible to improve.



Top Bearing

This Bearing in the top cap, sustains the direct thrust from the Closer Arm. It has a generous area and is far enough from the gland packing to release it from any strain which might cause leakage.

Main Bearings

These are in the combination packing nut and gland, where they maintain the alignment of the shaft and take the thrust from the connecting rod and piston.

Step Bearing

The bottom end of the shaft is supported by this bearing to prevent any lateral motion in the shaft. This bearing shares the thrust of the piston with the main bearing, eliminating any deflection which would cause leakage through the gland.

Gland

The Gland is made in one piece, having two bearings to support the shaft, with a capillary chamber between to prevent the liquid from being carried through the packing. There are two port holes through which the liquid flows back from the capillary chamber to the main liquid chamber.

Cork washers are used for packing because of their non-absorbent and resilient qualities. They are compressed against the sides of the shaft and gland wall by a special corrugated washer, held in place by the packing nut, which assures an evenly and tightly packed joint.

Piston

The Piston in a Door Closer is just as important as the piston in an automobile cylinder; it must fit snugly in order to give perfect compression. Our pistons are accurately machined and ground. This is done so as to give perfect compression and checking control, by preventing any possible chance of the liquid passing by the piston when in operation.

Each piston is equipped with a small ball check valve. This valve allows the liquid to flow back of the piston during the opening operation of the door and automatically seats itself when the door is closing. It is placed in the bottom of the piston, so that the Closer will operate regardless of whether the liquid chamber is quarter full, half full or entirely full of liquid. We, of course, do not recommend trying to operate our Closers with insufficient liquid, but should the liquid partly evaporate or leak out, through some cause or other, the Closer would still function.



Piston Link

The Piston Link, made of malleable iron, is unusually heavy and therefore adapted to sustain any regular or unusual strain.

Door Closer Construction

Valve Control

The Russwin Valve can be adjusted to control the door perfectly under varying conditions.

The Crank Shaft type of Closer, because of its increasing and decreasing leverage, as it moves the piston back and forth, has a natural control of the speed of the door, with the least amount of adjustment. When the door closes from the open position, there is a slight acceleration gradually diminishing until the door is at the latching point, at which point, because of the decreased leverage of the crank, the door is allowed to close with the least amount of resistance from the piston. This allows all the available power of the spring to overcome the resistance of the latch. **IT IS NOT NECESSARY TO ADJUST THE ARM TO GET THIS CONTROL,** it is NATURAL to the construction.

The speed valve is used to increase and decrease speed of the door. All Closers when they leave the factory, operate with this control.

The quiet closing valve is used when it is desired to eliminate the noise of the slight impact of door against the jamb.

This adjustment is obtained by screwing in the quiet closing valve until the door closes noiselessly, then unscrew the speed valve until the closing speed is as desired. This condition is applicable to doors without latches and is most frequently used on hospital doors.

When a fast closing door is desired, screw in the quiet closing adjustment valve and unscrew the speed valve until proper speed is obtained. It can be adjusted to allow the door to travel swiftly from open position to within a few inches of the jamb.

Valve with Key Regulator

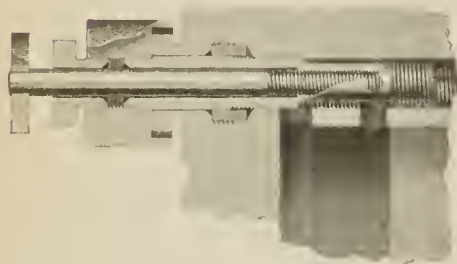
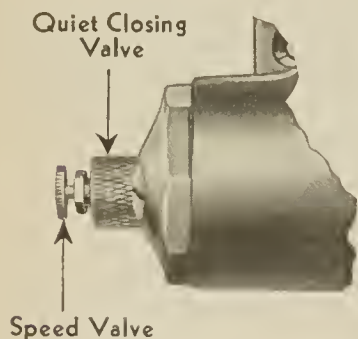
Under certain conditions, it is advisable to install a Door Closer which can be regulated by authorized persons only. This has been found desirable in public buildings, railroad passenger cars, and other locations frequented by the public. In such cases, Russwin Door Closers may be obtained with a key regulator and removable key.

Spring

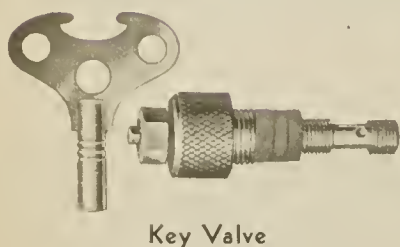
The effectiveness and power of a Door Closer rests in the quality of the spring which propels it.

The Russwin Spring is a flat rectangular wire coiled from a suitable length to give it the maximum resiliency, thereby guarding it against crystallization and assuring it a long and effective life. It is so constructed that it is reversible for either a right or left hand door.

Every Spring, before it is assembled in a Closer, is given a thorough inspection and subjected to a rigid test far in excess of that to which it will be put when in actual service.



Sectional View of Valve



Key Valve



Spring

Liquid Door Closers



For Right or Left-hand Doors

Without Reversing Either Arm or Spring

Types of Doors

- SIZE A. For screen and light inside doors.
- SIZE B. For inside doors not exceeding 3 feet in width.
- SIZE C. For outside and vestibule doors, etc., not exceeding 2½ feet in width.
- SIZE D. For outside doors not exceeding 3 feet in width.
- SIZE E. For heavy outside doors exceeding 3 feet in width and large doors operated against strong draughts.
- SIZE F. For extra heavy outside doors.
- SIZE RC. Specially constructed for use on Railroad Car Doors. (Equal to power of "B" Closer)

These specifications apply to doors under normal conditions. If the door is unusually heavy or is subject to very strong draughts use one size larger than is specified.

Finishes as Applied to Russwin Door Closers

Regular Finishes: Maroon Bronze, symbol MB; Silver Bronze, symbol SB; Dead Black, symbol DB; Prime Coat (for paint), symbol PC. Maroon Bronze finish will be furnished if not otherwise specified. Closers are not furnished in oil paint finishes. Imitation oxidized finishes, not electro-plated, are 302, as 02; 309C, as 09C.

To match finishes 11C and 11Z use regular Maroon Bronze.

One in a box complete with screws, wrench and full directions for applying.

Nos. A, B, C and RC, six in a fibre container; D, four in a fibre container; E, three in a fibre container; F, one in a fibre box.

Weights: A, 42 lbs.; B, 65 lbs.; C, 84 lbs.; D, 77 lbs.; E, 73 lbs.; F, 24 lbs.

When so ordered, Closers will be furnished made to template, with machine screws.

Special Length Arms for Door Closers

Closer Number	Regular Length of Arm Is	Special Length Arms	Closer Number	Regular Length of Arm Is	Special Length Arms
A	8 in.	10, 12 in.	D	11 in.	12, 14, 20 in.
B	9 in.	10, 12 in.	E	12 in.	14, 16, 20 in.
C	10 in.	12, 16, 20 in.	F	13 in.	14, 16, 20 in.

A Guide for the Selection of Russwin Door Closers

Table to be Used in Conjunction with Recommendations as to Types
of Doors on Page 463

Width and Height of Doors

Thickness of Door	2'-0" x 6'-6"	2'-0" x 6'-8"	2'-0" x 6'-10"	2'-0" x 7'-0"	2'-0" x 7'-2"	2'-0" x 7'-4"	2'-0" x 7'-6"	2'-0" x 7'-8"	2'-0" x 7'-10"	2'-0" x 8'-0"	2'-0" x 8'-6"	2'-4" x 6'-6"	2'-4" x 6'-8"	2'-4" x 6'-10"	2'-4" x 7'-0"	2'-4" x 7'-2"	2'-4" x 7'-4"	2'-4" x 7'-6"	2'-4" x 7'-8"	2'-4" x 7'-10"	2'-4" x 8'-0"	2'-6" x 6'-6"	2'-6" x 6'-8"	2'-6" x 6'-10"	
7⁄8	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
1 1⁄8 1 1⁄4	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
1 3⁄8	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	
1 1⁄2 1 5⁄8	A	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
1 3⁄4	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
1 7⁄8	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
2	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
2 1⁄4	B	B	B	B	B	B	B	B	B	B	B	C	C	C	C	C	C	C	C	C	C	C	C	C	
2 1⁄2	B	B	B	B	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Thickness of Door	2'-6" x 7'-0"	2'-6" x 7'-2"	2'-6" x 7'-4"	2'-6" x 7'-6"	2'-6" x 7'-8"	2'-6" x 7'-10"	2'-6" x 8'-0"	2'-6" x 8'-6"	2'-8" x 6'-6"	2'-8" x 6'-8"	2'-8" x 6'-10"	2'-8" x 7'-0"	2'-8" x 7'-2"	2'-8" x 7'-4"	2'-8" x 7'-6"	2'-8" x 7'-8"	2'-8" x 7'-10"	2'-8" x 8'-0"	2'-8" x 8'-6"	2'-10" x 6'-6"	2'-10" x 6'-8"	2'-10" x 6'-10"	2'-10" x 7'-0"	2'-10" x 7'-2"	2'-10" x 7'-4"
7⁄8	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1 1⁄8 1 1⁄4	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1 3⁄8	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1 1⁄2 1 5⁄8	B	B	B	B	B	B	B	B	B	B	B	B	B	B	C	C	C	C	C	C	C	C	C	C	C
1 3⁄4	B	B	B	B	B	B	B	B	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
1 7⁄8	B	B	B	B	B	B	B	B	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	B	B	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2 1⁄4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2 1⁄2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Thickness of Door	2'-10" x 7'-6"	2'-10" x 7'-8"	2'-10" x 7'-10"	2'-10" x 8'-0"	3'-0" x 6'-6"	3'-0" x 6'-8"	3'-0" x 6'-10"	3'-0" x 7'-0"	3'-0" x 7'-2"	3'-0" x 7'-4"	3'-0" x 7'-6"	3'-0" x 7'-8"	3'-0" x 7'-10"	3'-0" x 8'-0"	3'-0" x 8'-6"	3'-2" x 6'-6"	3'-2" x 6'-8"	3'-2" x 6'-10"	3'-2" x 7'-0"	3'-2" x 7'-2"	3'-2" x 7'-4"	3'-2" x 7'-6"	3'-2" x 7'-8"	3'-2" x 7'-10"	
7⁄8	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1 1⁄8 1 1⁄4	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1 3⁄8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
1 1⁄2 1 5⁄8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
1 3⁄4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
1 7⁄8	C	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
2	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
2 1⁄4	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
2 1⁄2	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
Thickness of Door	3'-2" x 8'-0"	3'-2" x 8'-6"	3'-4" x 6'-6"	3'-4" x 6'-8"	3'-4" x 6'-10"	3'-4" x 7'-0"	3'-4" x 7'-2"	3'-4" x 7'-4"	3'-4" x 7'-6"	3'-4" x 7'-8"	3'-4" x 7'-10"	3'-4" x 8'-0"	3'-4" x 8'-6"	3'-6" x 6'-6"	3'-6" x 6'-8"	3'-6" x 6'-10"	3'-6" x 7'-0"	3'-6" x 7'-2"	3'-6" x 7'-4"	3'-6" x 7'-6"	3'-6" x 7'-8"	3'-6" x 7'-10"	3'-6" x 8'-0"	3'-6" x 8'-6"	
7⁄8	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		
1 1⁄8 1 1⁄4	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	C	C	C	C	C		
1 3⁄8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		
1 1⁄2 1 5⁄8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	D	D		
1 3⁄4	C	C	C	C	C	C	C	C	C	C	C	C	C	D	D	D	D	D	D	D	D	D			
1 7⁄8	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D			
2	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	E	E			
2 1⁄4	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	E	E	E	E			
2 1⁄2	D	D	D	D	D	D	D	D	D	D	E	E	E	E	E	E	E	E	E	E	E	E			

Liquid Door Closers

With 100 Degree Friction Hold-Open Arm
Reversible for Right or Left Hand Doors



This Closer is designed for doors opening to 100 degrees. The Hold-Open feature does not interfere in any way with the regular movement of the door which is under the control of the Closer. It is inoperative until the door is intentionally opened to the hold-open point. This eliminates the need of an unsightly door holder and resulting damage to door and floor.

To close a door that is held open with this device it is only necessary to push or pull it slightly past the holding point; the closer will then assume its natural function and close the door in the usual way.

The holding device is controlled by friction and can be adjusted to hold the door at any position to allow entrance or exit.

These Closers can be used with or without brackets.

Furnished on all sizes of Door Closers. When ordering Closers with 100 degree Automatic Friction Holder Arm, suffix to size DASH ONE, as A-1, etc.

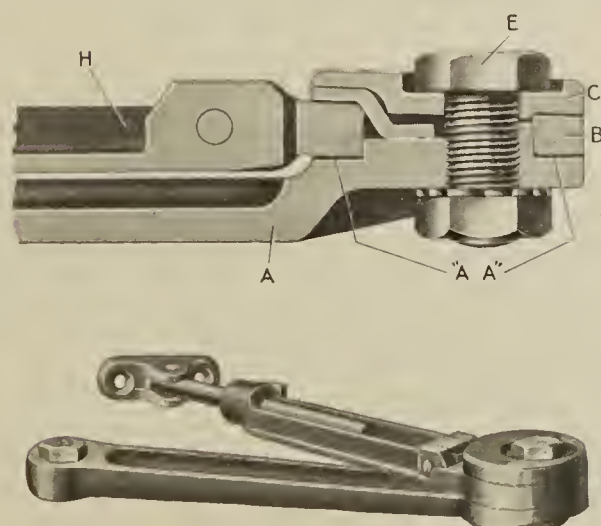
For Finishes, see page 18.

One in a box complete with screws, wrench and full directions for applying.

Nos. A-1, B-1, six in a fibre container; C-1, D-1, four in a fibre container; E-1, three in a fibre container; F-1, one in a fibre box. Weights: A-1, 51 lbs.; B-1, 72 1/2 lbs.; C-1, 63 1/2 lbs.; D-1, 84 lbs.; E-1, 76 lbs.; F-1, 24 1/2 lbs.

Friction Hold-Open Arm No. 1

For doors opening to 100 degrees.



Number 1

Patent Applied For

The Russwin Friction Hold-Open Arm can be applied to the regular Russwin Closer, eliminating the use of floor stops, hooks, or other devices generally used to hold the door open.

The Hold-Open Device is located in the end of the arms and can be adjusted to hold the door at any position to allow entrance or exit. It can be applied to either a right or left hand door in the same manner as the regular arm.

The Main Arm "A" has a friction surface "A-A" which comes in contact with the cam "B" attached to the loop or forearm "H." A Brass Disk inserted between these two friction surfaces prevents corrosion. The two surfaces are brought together when the door is opened and the cam "B" wedges between the arm "A" and the cam plate "C."

To vary the position of opening, tighten or loosen the Bolt "E." After the arm is set a slight push or pull on the door will set or release the Hold-Open Device.

There are no pawls, springs or plungers to break or wear, the frictional resistance of the cam faces, which are practically indestructible, holds the door open at any desired angle to allow entrance or exit.

When ordering specify Closer with which Arm is to be used.

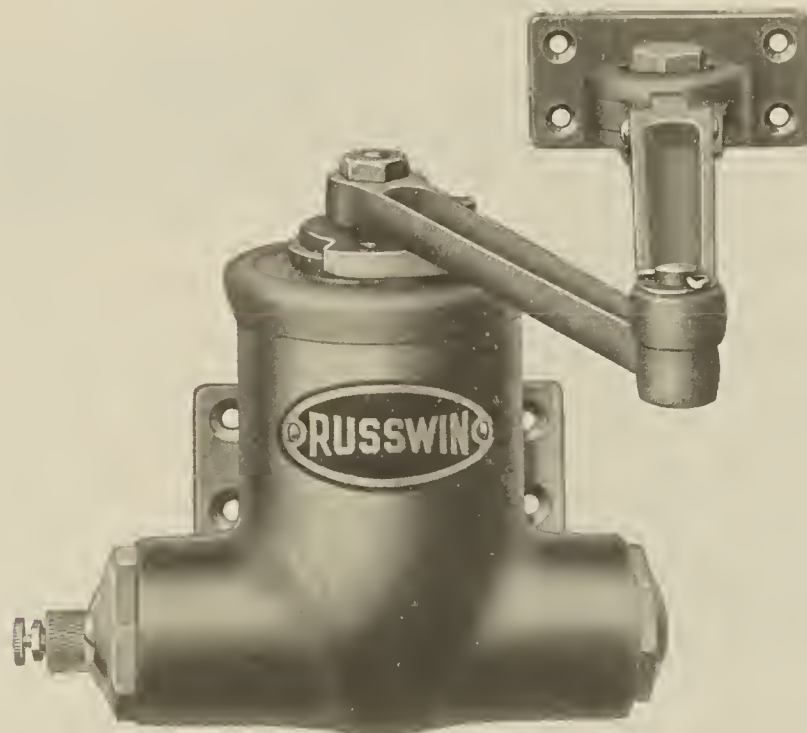
Furnished in Finishes to match Door Closers.

Liquid Door Closers

With 180 Degree Hold-Open Arm

For Use with Brackets

Reversible for Right or Left Hand Doors



This Closer is designed for doors opening to 180 degrees. The Hold-Open feature does not interfere in any way with the regular movement of the door which is under the control of the Closer. It is inoperative until the door is intentionally opened to the hold-open point. This eliminates the need of an unsightly door holder and resulting damage to door and floor.

To close a door that is held open with this device it is only necessary to push or pull it slightly past the holding point; the Closer will then assume its natural function and close the door in the usual way.

The holding device is controlled by friction and can be adjusted to hold the door in any position to allow entrance or exit.

This type of Closer is universally used and recommended for class room doors.

Brackets must be used with this type of Closer.

When ordering Closers with 180 degree Hold-Open Arm, suffix to size DASH TWO; as A-2, etc. Furnished on all sizes of Door Closers.

When doors are hung on six-inch butts, use No. 3 Extra Long Arm, suffix to size DASH THREE, as C-3, D-3. This Arm can only be furnished for "C" and "D" size Closers.

For Finishes, see page 18.

One in a box complete with screws, wrench and full directions for applying.

Friction Hold-Open Arm

For doors opening to 180 degrees.

NO. 2. This type of arm is used when Closers are applied to brackets where door is required to open 180 degrees.

There are no pawls, springs or plungers to break or wear; the frictional resistance of the cam faces, which are practically indestructible, holds the door open at any desired angle to allow entrance or exit.

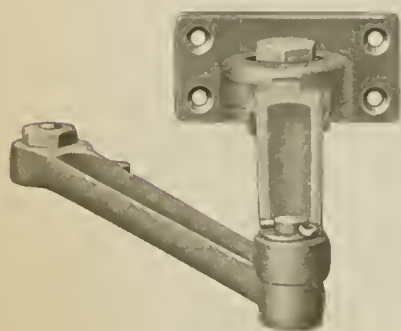
When ordering specify Closers with which Arm is to be used.

NO. 3. Extra Long; for doors using six-inch butts that open 180 degrees.

Furnished on Sizes "C" and "D" only.

When ordering specify Closers with which Arm is to be used.

Furnished in Finishes to match Door Closers.



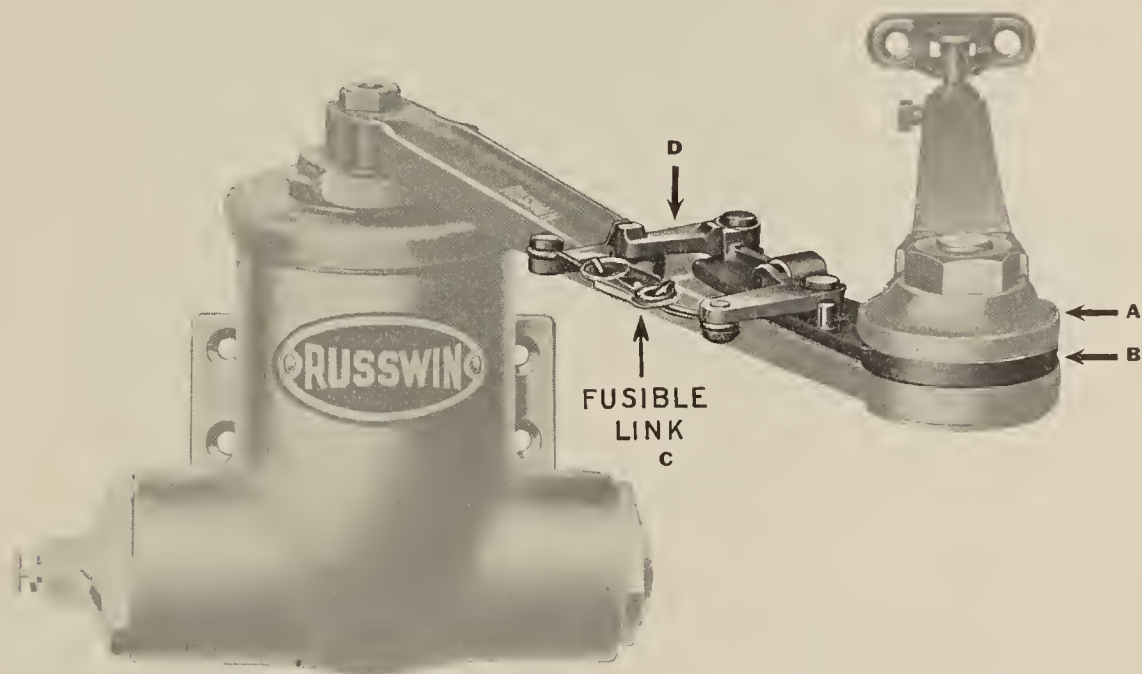
Number 2
Type of No. 3

Liquid Door Closer

For Fire Doors

Tested and Approved by
The National Board of Fire Underwriters Laboratories

Reversible for Right or Left Hand Doors



This Closer is equipped with the Russwin Friction Hold Open Arm designed for use on Fire Doors of Warehouses, Schools, Office Buildings, Etc., where in the event of fire, the door can be quickly closed. To accomplish this, the Hold Open device is constructed with a Fusible Link, which when subjected to 165 degrees fahrenheit, melts and releases the Hold Open device, the Closer will then shut the door, temporarily preventing the spread of fire.

Pressure is transmitted to the friction surfaces by the rotation of Cam 'A'. The greatest pressure occurring when door is open, or when main arm and loop are in the position of an obtuse angle, the cam surfaces then create a frictional resistance to hold Door open.

When Link 'C' is fused, Lever 'D' is disengaged from supplemental arm 'B' allowing it to swing free thereby allowing door to be closed by the spring tension in the Door Closer.

When ordering closers with Fusible Equipped Arms, suffix 'F' to number, thus C-1F2, etc. Furnished on C, D and E Closers only.

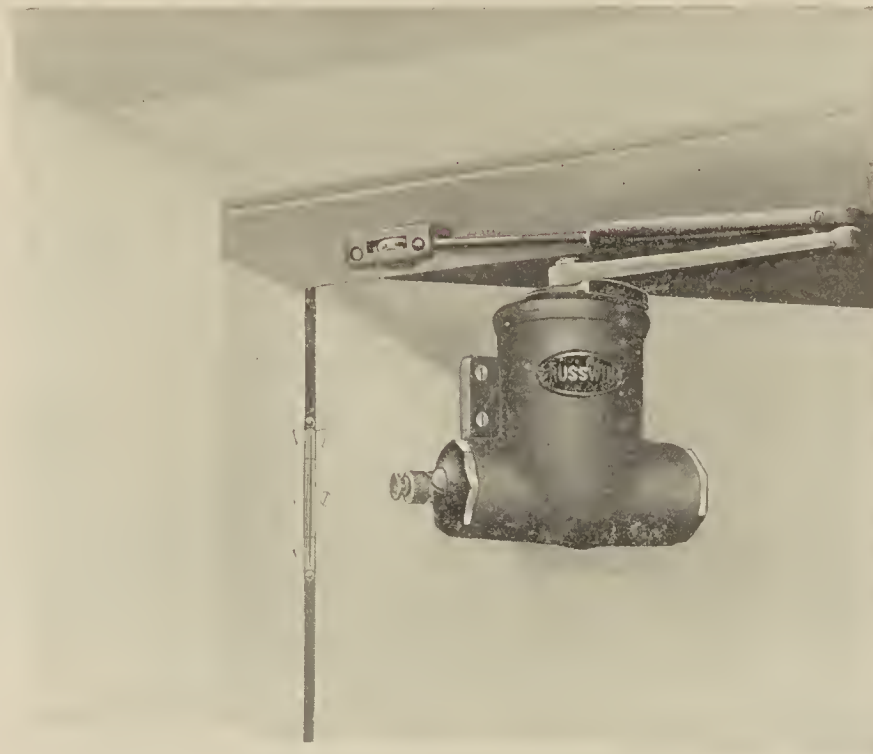
Hold Open Arms Nos. 2 and 3 cannot be furnished with Fusible Link Arm.

For Finishes, see Page 18.

One in a box complete with screws, wrench and full directions for applying.

Liquid Door Closers

With Parallel Arms



This type of Closer is not reversible. Hand of door must be given.

This Closer is designed with Parallel Arms for use on doors where there is not sufficient space between two doors for Closer to operate in its normal position, or where the headroom will not permit the use of a bracket.

When ordering Closers with Parallel Arms give size of Closer wanted by Parallel Arms No. 34.

The minimum space (see cut below) occupied by a Closer when used in this manner is as follows:

Closer, size	A	B	C	D	E	F
Space, inches	4 $\frac{1}{4}$	4 $\frac{5}{8}$	5	5 $\frac{1}{2}$	6 $\frac{3}{8}$	6 $\frac{3}{8}$

Closers B, C and D can be furnished with friction hold open arm, see page 465; when ordering specify No. 34-B1, 34-C1 and 34-D1.

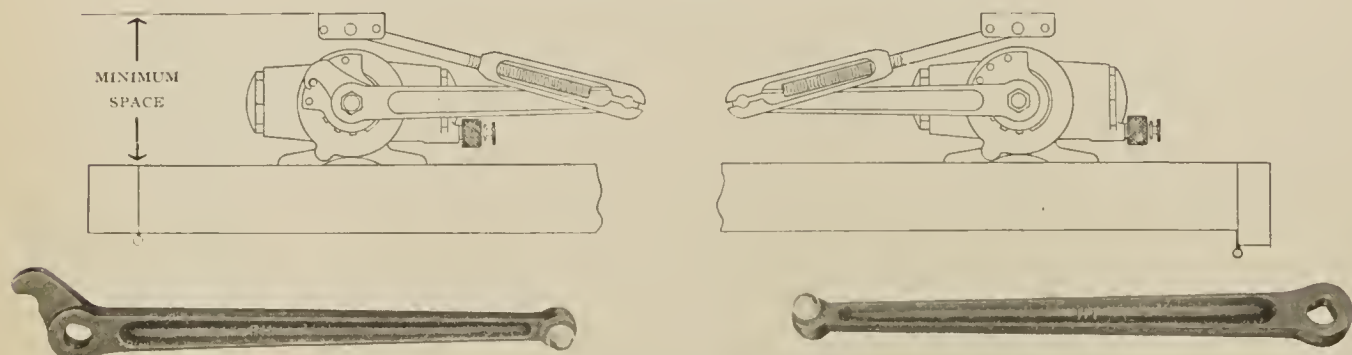
For Finishes, see page 18.

One in a box complete with screws, wrench and full directions for applying.

No. 34

Parallel Arms Only

Furnished for All Sizes of Russwin Door Closers



Right Hand
Furnished with regular
Ratchet Pin

Left Hand
Furnished with special
Ratchet Pin

Give hand of door when ordering Parallel Arms.

Liquid Door Closers

For the Control of
Hospital Room Doors

Reversible for Right or Left Hand Doors



Furnished in two sizes only, HC and HD.

These Closers are arranged with a hold-open device to hold the door open at any one of three positions, 12° — 45° — 90° . These angles may be varied, by loosening the set screw in the holding ring and turning it to the left or right.

The construction of this holding device is the plunger and pawl type, using a compression spring as a means of resistance. We have generously proportioned these parts to sustain wear in keeping with Russwin quality; we, however, only recommend its use where it is necessary to hold the door open between the closed position and the 90° opening.

Our experience in the holder type of Closer influences us to recommend THE FRICTION TYPE, page 465 for long wear and durability wherever it can be used.

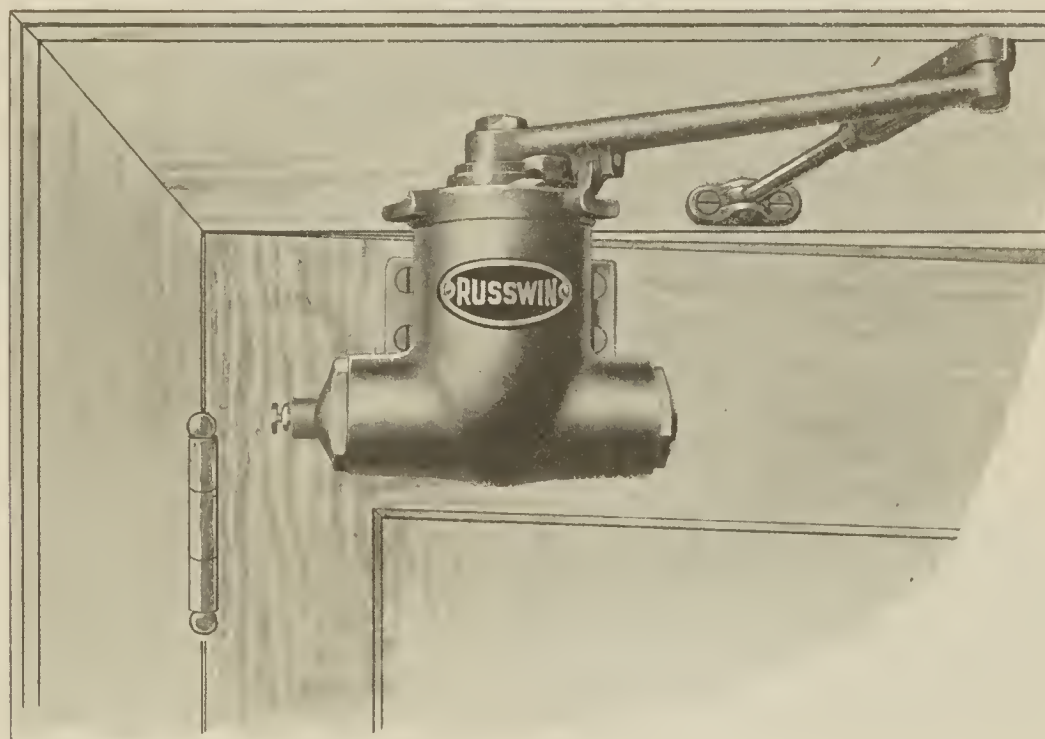
For Finishes, see page 18.

One in a box complete with screws, wrench and full directions for applying.

Liquid Door Closers

for Controlling
Coupon Booth Doors

Reversible for Right or Left Hand Doors



No. 11 as Size "A"

No. 12 as Size "B"

The Russwin Coupon Booth Closer is the same as our regular Closer but with a pawl that engages the cam on top of case, allowing the door to be held in an open position of about three inches, indicating that the booth is unoccupied. Combines the operation of a regular Closer and No. 68 Automatic Door Holder illustrated on page 256.

When a customer opens the door to enter or leave the booth, the pawl is disengaged from the cam, allowing the door to completely close. When the customer leaves, the door will close and lock. No one can again enter the booth until the attendant has reset the door in its ajar position.

We recommend that this Closer be used with Coupon Booth Locks illustrated on page 256.

For Finishes, see page 18.

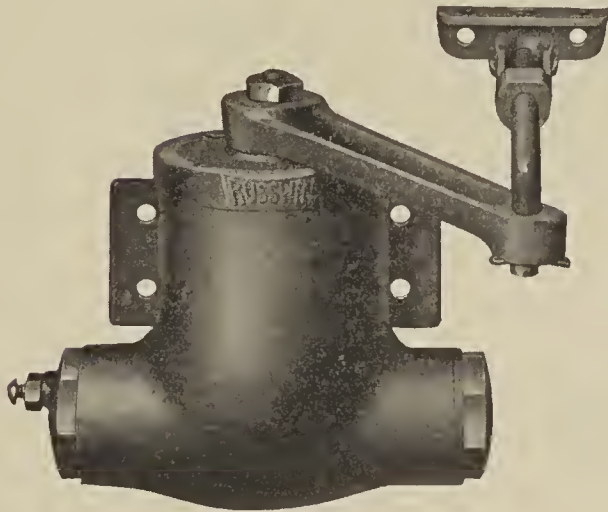
One in a box complete with screws, wrench and full directions for applying. Six in a fibre container.

Liquid Door Closers

For Screen Doors and Light Inside Doors in the Home

Reversible for Right or Left Hand Doors

No. 8



Number 8

The Russwin Screen Door Closer No. 8 resembles in appearance our regular line of Door Closers. It requires only $3\frac{1}{4}$ inches between the house door and the screen door. The width of rail required for inside application being $3\frac{1}{2}$ inches, and for outside application $2\frac{1}{2}$ inches.

Reversible for either a right or left hand door, and can be applied inside, between the house door and screen door or on the outside, by simply removing the arm and placing it on the Closer for the desired application as explained in the direction sheets and templates packed with each Closer.

The speed of the door can be readily and accurately governed by means of the adjusting screw or valve, a turn to the left increasing, and a turn to the right decreasing its speed.

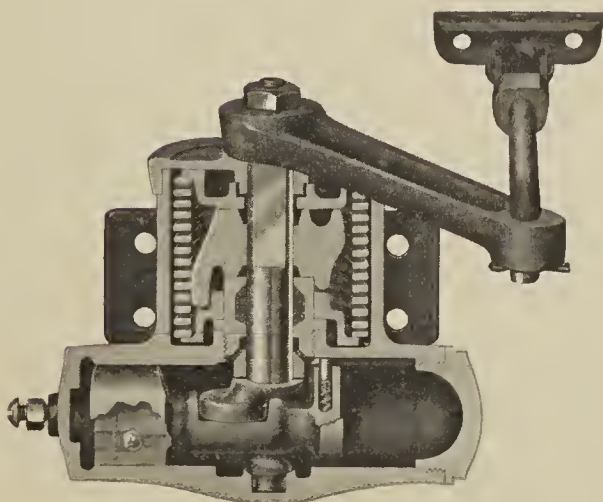
CONSTRUCTION

THE SPINDLE or crankshaft is of one piece drop forged steel supported at the bottom end giving a four point bearing as in the regular line of door closers, described on page 461.

THE GLAND is packed with composition, cork and leather washers assuring an evenly and tightly packed joint.

THE PISTON has an extra long bearing supported at both ends, accurately machined and fitted, assuring a perfect compression and checking control.

THE SPRING is a flat rectangular wire spring as in the regular closers. This type of spring allows maximum resiliency thereby guarding against crystalization and breakage.



Sectional View of Number 8

Regular Finishes: Maroon Bronze, symbol MB; Silver Bronze, symbol SB; Dead Black, symbol DB.

Maroon Bronze Finish will be furnished unless otherwise specified.

One in a box, with screws, and directions for applying. Weighs 5 lbs. 4 oz. Six in a fibre container; weight, 33 lbs.

Parts for Russwin Screen Door Closer No. 8

When Ordering Specify Part Number for No. 8 Closer.

If outside parts in other than Maroon Bronze finish are wanted, specify finish.



1 — CASE



2 — CAP



3 — COVER



4 — TOP DOG



5 — MIDDLE DOG



6 — LOWER DOG



7 — GLAND



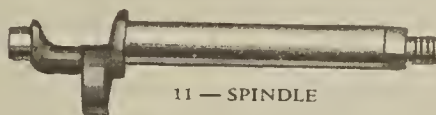
8 — PISTON



9 — MAIN ARM



10 — LOOP



11 — SPINDLE

12 — GLAND
PACKING NUT

13 — EXTENSION ROD

14 — ARM
BRACKET RIVET15 — PISTON
BALL PIN16 — COMPOSITION
GLAND WASHER

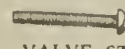
17 — VALVE NUT



18 — ARM BRACKET



19 — COIL SPRING



20 — VALVE STEM



21 — SPINDLE NUT



22 — PISTON PIN



23 — PISTON SPRING



24 — COTTER PIN

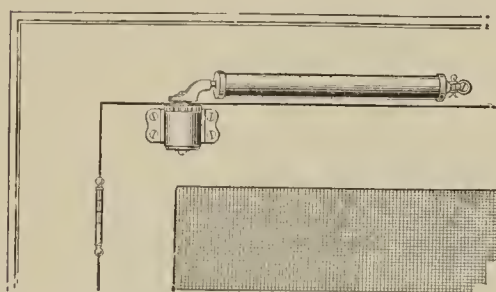


25 — VALVE BALL

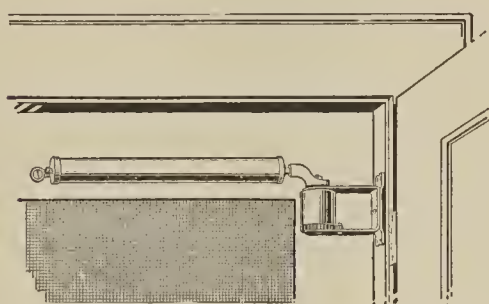
26 — LEATHER
GLAND WASHER27 — CORK
GLAND WASHER28 — LEATHER
VALVE WASHER29 — SPRING
LOCK RING

Air Controlled Screen Door Checks

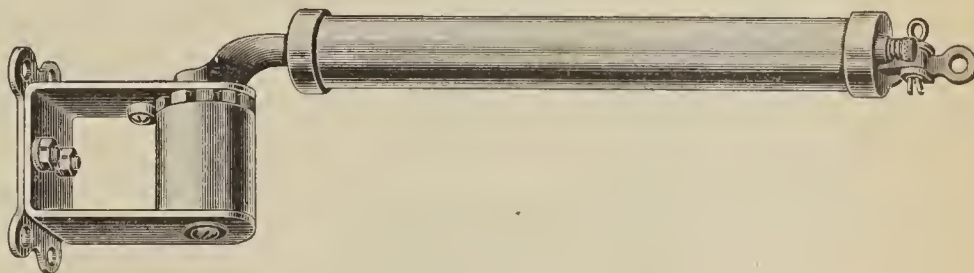
Reversible for Right or Left Hand Doors



Applied to outside of door opening out or inside of door opening in.



Applied between doors on inside of door opening out or outside of door opening in.



No. 5

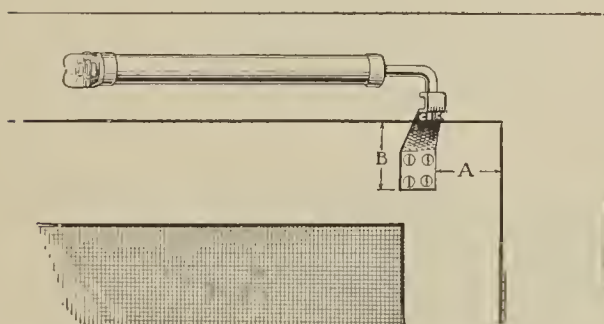
Number	Length Overall	Jamb Bracket	Space Between Doors
5	18 $\frac{3}{4}$ in.	3 $\frac{3}{4}$ x 1 $\frac{3}{4}$ in.	2 $\frac{1}{4}$ in.

Can be applied to the inside of doors opening out or to outside of doors opening in. Coiled Torsion Type Spring encased in tube as a protection from the weather. Spring has adjustable tension to control the speed of closing.

One in a box, with screws, and directions for applying.

Weights 3 $\frac{1}{2}$ lbs.

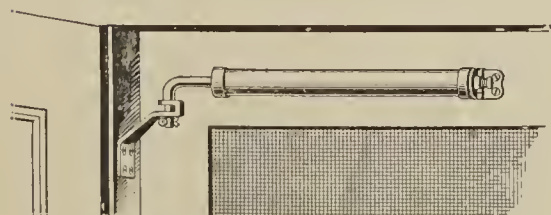
Twelve in a fibre container; weight, 42 lbs.



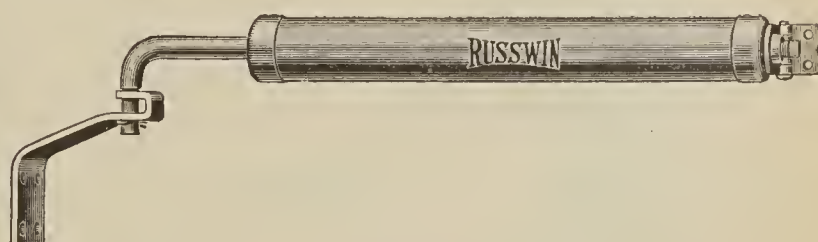
Applied to outside of door opening out or inside of door opening in.

A—2 in.

B—2 $\frac{1}{2}$ in. maximum.



Applied to inside of door opening out or outside of door opening in.



No. 2

Number	Length Overall	Jamb Bracket	Space Between Doors
2	14 $\frac{3}{4}$ in.	1 $\frac{3}{8}$ in.	1 $\frac{3}{8}$ in.

Can be applied to the inside of doors opening out or to outside of doors opening in. Has Compression Spring encased in tube as a protection from the weather. Can be adjusted to control the speed of closing.

One in a box, with screws, and directions for applying.

Weights 1 $\frac{1}{4}$ lbs.

Twelve in a fibre container; weight, 18 lbs.

Regular Finish: Maroon Bronze, symbol MB. Can be furnished when specified in Dead Black, symbol DB. Finishes described on Page 18.

Door Closer Brackets

Always Have the Closer Indoors Where Possible



Number 127

SOFFIT BRACKET No. 127 should be used where the door opens outward and it is desirable to have the Closer indoors or where the conditions are such that the Closer cannot be applied to the hinge side of door. The widths of the soffit necessary for attaching the foot or base of soffit brackets are: A, $1\frac{3}{8}$ in.; B, $1\frac{1}{2}$ in.; C, D, E and F, $1\frac{5}{8}$ in. Should the soffit not be as wide as these dimensions then the corner or Flush Bracket will have to be used.

Specify Number of Closer for which Bracket is desired, affixing Number of Bracket.



Number 128

CORNER BRACKET No. 128 should be used when the conditions will not permit the use of Bracket No. 127. This bracket does not require as great a width of soffit as the soffit bracket, and is securely fastened to both the jamb and soffit, which braces it solidly against the action of the Closer. The widths of soffit necessary for attaching the foot or corner brackets are: A, $\frac{7}{8}$ in.; B, 1 in.; C and D, $1\frac{1}{4}$ in.; E and F, $1\frac{1}{2}$ in. Should the soffit not be as wide as these dimensions then the Flush Bracket should be used.

Specify Number of Closer for which Bracket is desired, affixing Number of Bracket.



Number 129

FLUSH BRACKET No. 129 should be used when a Closer is to be applied to the soffit of the door by means of a bracket and when the soffit is not sufficiently wide to furnish a footing for the soffit or corner bracket.

Specify Number of Closer for which Bracket is desired, affixing Number of Bracket.



Number 30

STRAIGHT JAMB BRACKET No. 30 should be used for segment, circle or Gothic head doors where intermediate rails will permit, or if panel is thick enough to withstand strain. The Closer must be applied below point of radius. If sufficient headroom use bracket No. 31 or 32.

Specify Number of Closer for which Bracket is desired, affixing Number of Bracket.

Door Closer Brackets

Always Have the Closer Indoors Where Possible



Number 31

OFFSET BRACKET No. 31 is for use on segment, circle or Gothic head doors, when door is not recessed more than 1¼ inches and when Closers are used on the hinged side of the door. Bracket is attached to the door.

Specify number of Closer for which Bracket is desired, affixing number of Bracket.



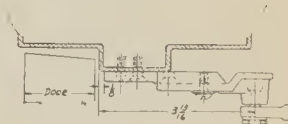
Number 32

ADJUSTABLE BRACKET No. 32 is for use on segment, circle or Gothic head doors, opening out and where conditions are such that the Closer cannot be applied to the hinge side of door.

Specify number of Closer for which Bracket is desired, affixing number of Bracket.



Number 134



Bracket Applied

ADJUSTABLE FOOT BRACKET

For Closers with Parallel Arms

Recommended for Closers which must be used on OPPOSITE TO THE HINGE SIDE of the door, and where there is not enough space between doors to permit of regular application or where a door is too short to permit of applying Closer on a regular bracket.



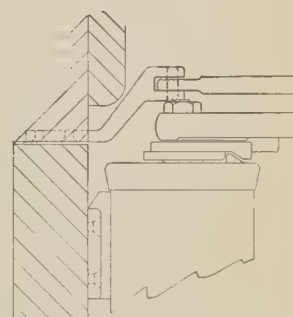
Number 33

BLOCKING BRACKET No. 33 should be used where the door is recessed more than 7/8 inch beyond the surface of the casing. Where such conditions occur the use of the bracket (or block) permits the Closer to occupy its normal position and insures its satisfactory operation. As regularly furnished, these brackets are for doors having a recess of from 3/4 to 1 7/8 inches; if the recess is greater, orders should so specify.

Specify number of Closer for which Bracket is desired, affixing number of Bracket.



Number 39



Bracket Applied

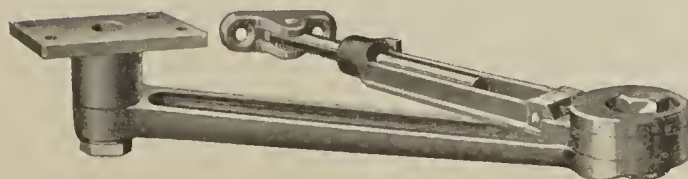
SPECIAL ARM BRACKET No. 39

For conditions as shown by line drawing. This Bracket takes the place of Regular Arm Bracket.

All Brackets furnished in finishes to match Closers, see page 18.

All Brackets packed one in a box with screws.

Friction Hold Open Arm with Soffit Post Bracket



Numbers 35B, 35C, 35D

Hold Open Arm is for use on the INACTIVE Leaf of a PAIR OF DOORS.

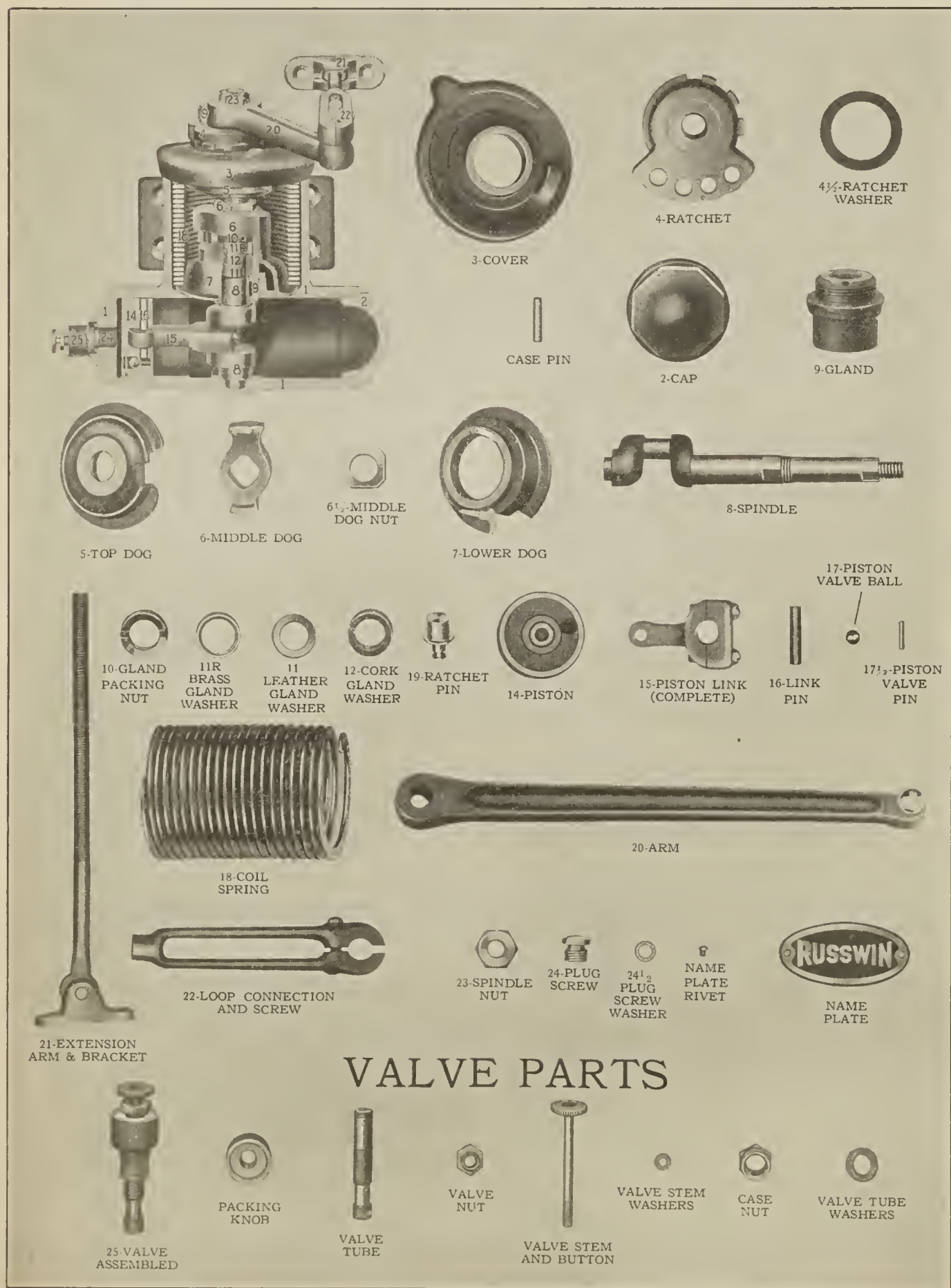
It is made in three sizes to match B-1, C-1 and D-1 Hold Open Closers. It is reversible for either a right or left hand door.

The friction holding mechanism is identical in construction and size as that used on regular Hold Open Closers.

Furnished in Finishes to match Closers, see page 18.

Parts for Russwin Door Closer

When ordering parts be sure to specify SIZE and model of CLOSER. See end cap for size and model. If outside parts in other than Maroon Bronze finish are wanted, specify metal and finish.

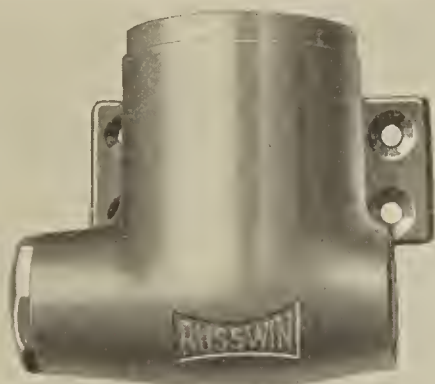


RUSSWIN

Parts for Russwin Screen Door Closer No. 7

When Ordering Specify Part Number for No. 7 Closer.

If outside parts in other than Maroon Bronze finish are wanted, specify finish.



1 - CASE



2 - CAP



3 - COVER



4 - TOP DOG



5 - MIDDLE DOG



6 - LOWER DOG



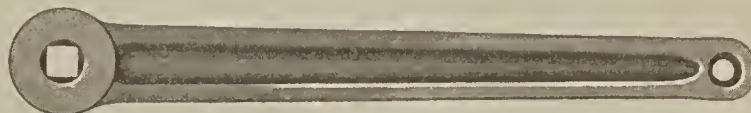
7 - GLAND



8 - PISTON



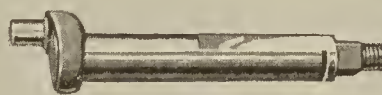
9 - PISTON LINK



10 - MAIN ARM



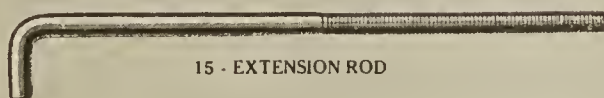
11 - LOOP



12 - CRANK
13 - SPINDLE SHAFT



14 - GLAND
PACKING NUT



15 - EXTENSION ROD



16 - PISTON
LINK PIN



17 - PISTON
BALL PIN



18 - ARM
BRACKET RIVET



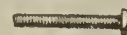
19 - VALVE NUT



20 - ARM BRACKET



22 - COIL SPRING



23 - VALVE STEM



24 - SPINDLE NUT



27 - COTTER PIN



28 - VALVE BALL



29 - GLAND
LEATHER WASHER



30 - VALVE
LEATHER WASHER



31 - SPRING
LOCK RING

Door Closer Repair Tools



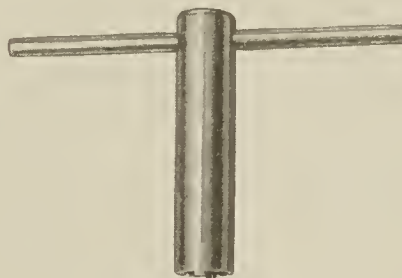
No. 52 Gland Wrench
for Sizes A-B-C-D-E and F
Different size Wrench used on each size.



No. 58 Handle for Gland and Cap Wrench
For Sizes A-B-C-D-E and F
One Handle used for all sizes.



No. 60 Cap Wrench
For Sizes A-B-C-D-E and F
Different size Wrench used on each size



No. 66 Packing Wrench
For Sizes A-B-C-D-E and F
Different size Wrench used on each size.



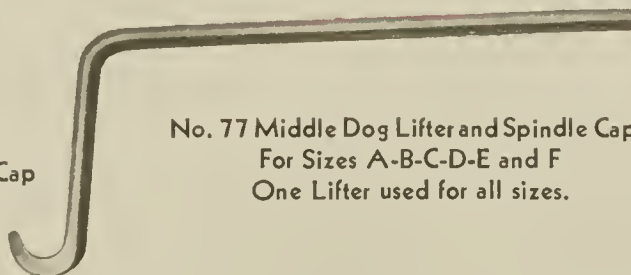
No. 71 Packing Tube
For Sizes A-B-C-D-E and F
Different size Packing Tube used on each size.



No. 76 Middle Dog Nut Wrench
For Sizes A-B-C-D-E and F
Different size Wrench used on each size.



Spindle Cap



No. 77 Middle Dog Lifter and Spindle Cap
For Sizes A-B-C-D-E and F
One Lifter used for all sizes.

All Tools for E and F Closers are identical.

Liquid for Door Closers
May be obtained in

1 pint cans
1 quart cans

½ gallon cans
1 gallon cans

Specify size of Closer and Number of Repair Tool wanted when ordering.

No. 8 Screen Door Closer Repair Tools



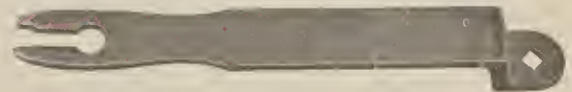
No. 8-1
Cover Winding Wrench



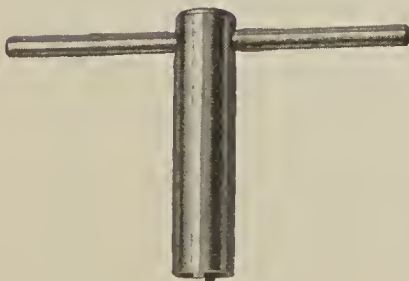
No. 8-2
Cap Wrench



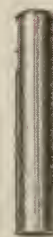
No. 8-3
Gland Wrench



No. 8-4
Tool for Inserting Piston
and Holding Spindle



No. 8-6
Gland Packing Nut Wrench

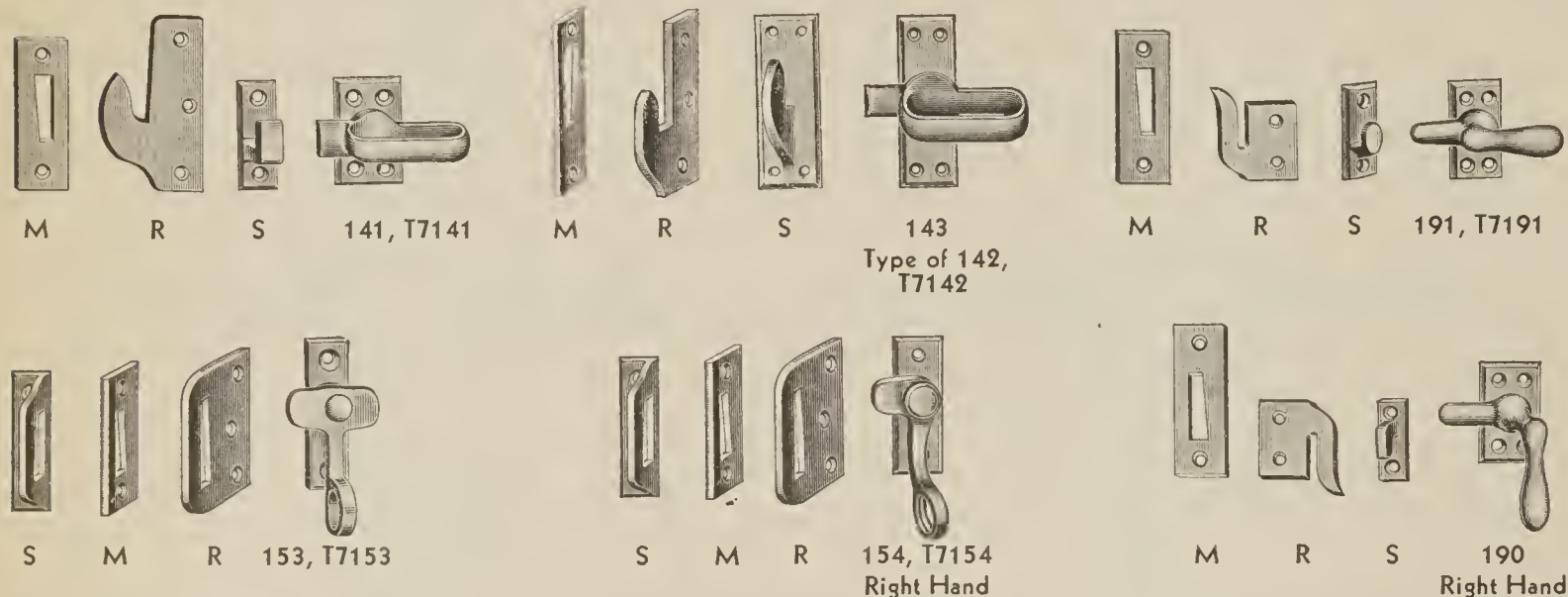


No. 8-7
Gland Packing Tube

Specify Number of Repair Tool wanted when ordering.

Casement Fasteners

Illustrations One-quarter Size



Number	Strike	Size	Description	Weight, Dozen
141M	Mortise	2 x 1 1/4 in.	Cast Brass or Bronze	3 7/8 lbs.
141R	Rim	2 x 1 1/4 in.	Cast Brass or Bronze	4 5/8 lbs.
141S	Surface	2 x 1 1/4 in.	Cast Brass or Bronze	4 5/8 lbs.
T7141M	Mortise	2 x 1 1/4 in.	Cast Iron	4 lbs.
T7141R	Rim	2 x 1 1/4 in.	Cast Iron	4 5/8 lbs.
T7141S	Surface	2 x 1 1/4 in.	Cast Iron	4 7/8 lbs.
142M	Mortise	3 x 1 1/8 in.	Cast Brass or Bronze	3 7/8 lbs.
142R	Rim	3 x 1 1/8 in.	Cast Brass or Bronze	4 5/8 lbs.
142S	Surface	3 x 1 1/8 in.	Cast Brass or Bronze	4 5/8 lbs.
T7142M	Mortise	3 x 1 1/8 in.	Cast Iron, Plated	4 lbs.
T7142R	Rim	3 x 1 1/8 in.	Cast Iron, Plated	4 5/8 lbs.
T7142S	Surface	3 x 1 1/8 in.	Cast Iron, Plated	4 7/8 lbs.
143M	Mortise	3 1/8 x 1 1/2 in.	Cast Brass or Bronze	6 lbs.
143R	Rim	3 1/8 x 1 1/2 in.	Cast Brass or Bronze	6 1/8 lbs.
143S	Surface	3 1/8 x 1 1/2 in.	Cast Brass or Bronze	6 3/4 lbs.
153M	Mortise	2 1/2 x 7/8 in.	Cast Brass or Bronze, Wrought Strikes	3 1/2 lbs.
153R	Rim	2 1/2 x 7/8 in.	Cast Brass or Bronze, Wrought Strikes	3 3/4 lbs.
153S	Surface	2 1/2 x 7/8 in.	Cast Brass or Bronze, Wrought Strikes	3 3/4 lbs.
T7153M	Mortise	2 1/2 x 7/8 in.	Cast Iron, Wrought Strikes	3 1/4 lbs.
T7153R	Rim	2 1/2 x 7/8 in.	Cast Iron, Wrought Strikes	3 1/2 lbs.
T7153S	Surface	2 1/2 x 7/8 in.	Cast Iron, Wrought Strikes	3 1/2 lbs.
154M	Mortise	2 1/2 x 7/8 in.	Cast Brass or Bronze, Wrought Strikes (Specify Hand)	3 1/8 lbs.
154R	Rim	2 1/2 x 7/8 in.	Cast Brass or Bronze, Wrought Strikes (Specify Hand)	3 1/4 lbs.
154S	Surface	2 1/2 x 7/8 in.	Cast Brass or Bronze, Wrought Strikes (Specify Hand)	3 1/4 lbs.
T7154M	Mortise	2 1/2 x 7/8 in.	Cast Iron, Wrought Strikes (Specify Hand)	2 3/4 lbs.
T7154R	Rim	2 1/2 x 7/8 in.	Cast Iron, Wrought Strikes (Specify Hand)	3 1/8 lbs.
T7154S	Surface	2 1/2 x 7/8 in.	Cast Iron, Wrought Strikes (Specify Hand)	3 1/8 lbs.
190M	Mortise	2 1/8 x 1 in.	Cast Brass or Bronze (Specify Hand)	3 5/8 lbs.
190R	Rim	2 1/8 x 1 in.	Cast Brass or Bronze (Specify Hand)	4 lbs.
190S	Surface	2 1/8 x 1 in.	Cast Brass or Bronze (Specify Hand)	4 1/4 lbs.
191M	Mortise	1 15/16 x 1 1/8 in.	Cast Brass or Bronze	3 1/4 lbs.
191R	Rim	1 15/16 x 1 1/8 in.	Cast Brass or Bronze	3 5/8 lbs.
191S	Surface	1 15/16 x 1 1/8 in.	Cast Brass or Bronze	3 7/8 lbs.
T7191M	Mortise	1 15/16 x 1 1/8 in.	Cast Iron	3 lbs.
T7191R	Rim	1 15/16 x 1 1/8 in.	Cast Iron	3 1/8 lbs.
T7191S	Surface	1 15/16 x 1 1/8 in.	Cast Iron	3 5/8 lbs.

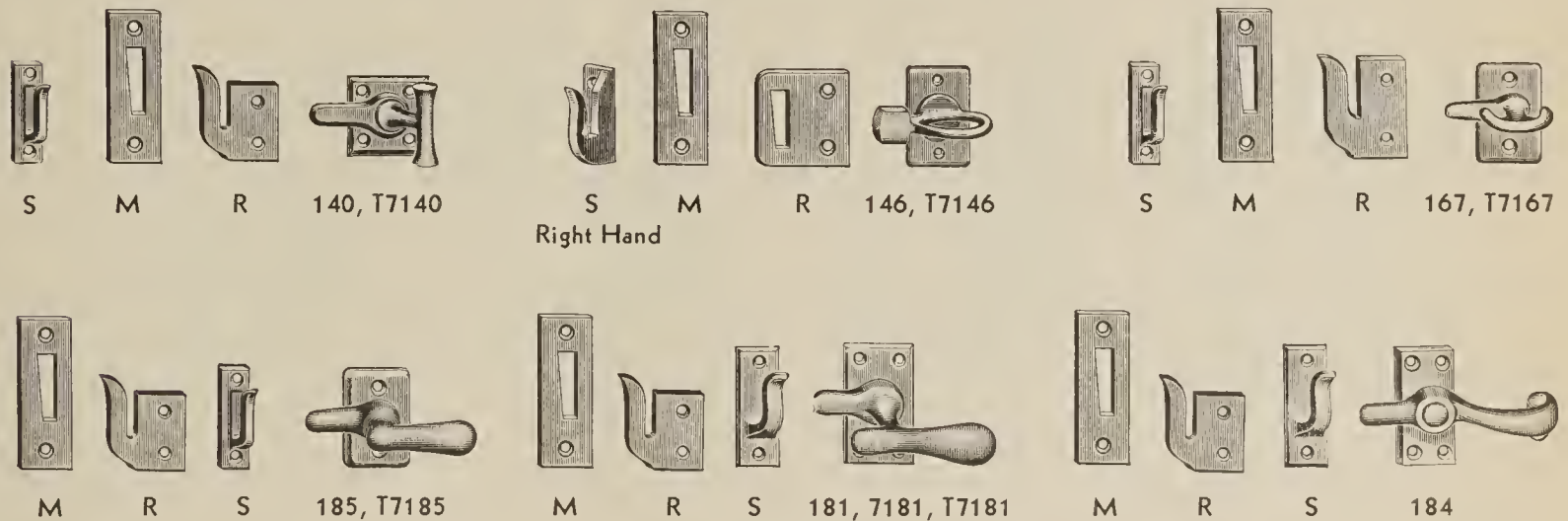
Iron, one dozen; bronze, half dozen, in a box with screws.

Specify Number (using proper suffix to indicate strike) and Finish.

Finishes described on pages 16 to 18.

Casement Fasteners

Illustrations One-quarter Size



Number	Strike	Size	Description	Weight, Dozen
140M	Mortise	1 3/8 x 1 3/8 in.	Cast Brass or Bronze	3 1/4 lbs.
140R	Rim	1 3/8 x 1 3/8 in.	Cast Brass or Bronze	3 1/2 lbs.
140S	Surface	1 3/8 x 1 3/8 in.	Cast Brass or Bronze	3 3/4 lbs.
T7140M	Mortise	1 3/8 x 1 3/8 in.	Cast Iron	2 1/2 lbs.
T7140R	Rim	1 3/8 x 1 3/8 in.	Cast Iron	3 1/8 lbs.
T7140S	Surface	1 3/8 x 1 3/8 in.	Cast Iron	3 3/8 lbs.
146M	Mortise	1 3/4 x 1 1/8 in.	Wrought Bronze Plate, Cast Brass or Bronze Turn and Strike	2 lbs.
146R	Rim	1 3/4 x 1 1/8 in.	Wrought Bronze Plate, Cast Brass or Bronze Turn and Strike	2 3/8 lbs.
146S	Surface	1 3/4 x 1 1/8 in.	Wrought Bronze Plate, Cast Brass or Bronze Turn and Strike	2 1/2 lbs.
T7146M	Mortise	1 3/4 x 1 1/8 in.	Wrought Steel Plate, Cast Iron Turn and Strike	2 lbs.
T7146R	Rim	1 3/4 x 1 1/8 in.	Wrought Steel Plate, Cast Iron Turn and Strike	2 1/4 lbs.
T7146S	Surface	1 3/4 x 1 1/8 in.	Wrought Steel Plate, Cast Iron Turn and Strike	2 3/8 lbs.
167M	Mortise	1 3/4 x 1 1/8 in.	Wrought Bronze Plate, Cast Brass or Bronze Turn and Strike	2 3/8 lbs.
167R	Rim	1 3/4 x 1 1/8 in.	Wrought Bronze Plate, Cast Brass or Bronze Turn and Strike	2 3/8 lbs.
167S	Surface	1 3/4 x 1 1/8 in.	Wrought Bronze Plate, Cast Brass or Bronze Turn and Strike	2 1/4 lbs.
T7167M	Mortise	1 3/4 x 1 1/8 in.	Wrought Steel Plate, Cast Iron Turn and Strike	2 1/8 lbs.
T7167R	Rim	1 3/4 x 1 1/8 in.	Wrought Steel Plate, Cast Iron Turn and Strike	2 1/8 lbs.
T7167S	Surface	1 3/4 x 1 1/8 in.	Wrought Steel Plate, Cast Iron Turn and Strike	2 lbs.
181M	Mortise	2 1/8 x 1 in.	Cast Brass or Bronze	3 5/8 lbs.
181R	Rim	2 1/8 x 1 in.	Cast Brass or Bronze	4 lbs.
181S	Surface	2 1/8 x 1 in.	Cast Brass or Bronze	4 1/4 lbs.
7181M	Mortise	2 1/8 x 1 1/8 in.	Cast Iron, Polished	3 7/8 lbs.
7181R	Rim	2 1/8 x 1 1/8 in.	Cast Iron, Polished	4 1/4 lbs.
7181S	Surface	2 1/8 x 1 1/8 in.	Cast Iron, Polished	4 5/8 lbs.
T7181M	Mortise	2 1/8 x 1 1/8 in.	Cast Iron	4 lbs.
T7181R	Rim	2 1/8 x 1 1/8 in.	Cast Iron	4 1/4 lbs.
T7181S	Surface	2 1/8 x 1 1/8 in.	Cast Iron	4 1/2 lbs.
184M	Mortise	2 1/8 x 1 1/8 in.	Cast Brass or Bronze	4 lbs.
184R	Rim	2 1/8 x 1 1/8 in.	Cast Brass or Bronze	4 1/2 lbs.
184S	Surface	2 1/8 x 1 1/8 in.	Cast Brass or Bronze	4 3/4 lbs.
185M	Mortise	1 3/4 x 1 1/8 in.	Wrought Brass Plate, Cast Brass or Bronze Sweep	3 1/4 lbs.
185R	Rim	1 3/4 x 1 1/8 in.	Wrought Brass Plate, Cast Brass or Bronze Sweep	3 1/2 lbs.
185S	Surface	1 3/4 x 1 5/8 in.	Wrought Brass Plate, Cast Brass or Bronze Sweep	4 lbs.
T7185M	Mortise	1 3/4 x 1 1/8 in.	Wrought Steel Plate, Cast Iron Sweep	3 1/2 lbs.
T7185R	Rim	1 3/4 x 1 1/8 in.	Wrought Steel Plate, Cast Iron Sweep	3 3/4 lbs.
T7185S	Surface	1 3/4 x 1 1/8 in.	Wrought Steel Plate, Cast Iron Sweep	4 1/8 lbs.

Iron, one dozen; brass or bronze, half dozen in a box, with screws.

Twelve dozen in fibre container.

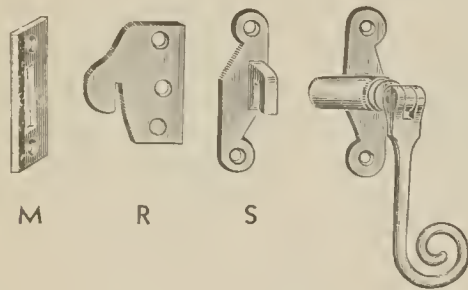
Specify Number (using proper suffix to indicate strike) and Finish.

Finishes described on pages 16 to 18.

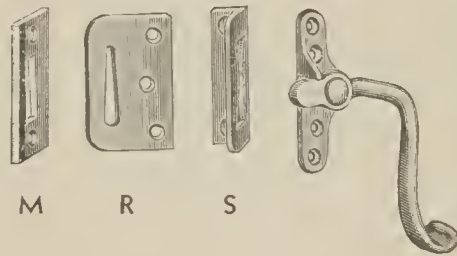
All numbers have wrought metal strikes except numbers with surface strikes.

Casement Fasteners

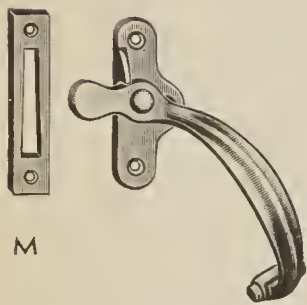
Illustrations One-quarter Size



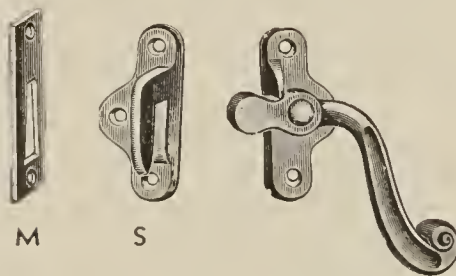
159
Right Hand



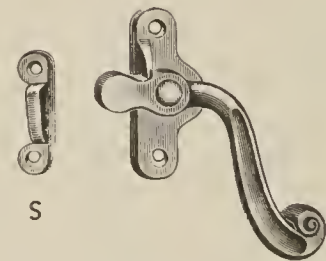
178
Right Hand



158
Right Hand



172
Right Hand



192S
Right Hand

Number	Strike	Size	Description	Weight, Dozen
158M	Mortise	3 x 1¼ in.	Cast Brass or Bronze (Specify Hand)	6¾ lbs.
159M	Mortise	3⅛ x ⅞ in.	Cast Brass or Bronze (Specify Hand)	4½ lbs.
159R	Rim	3⅛ x ⅞ in.	Cast Brass or Bronze (Specify Hand)	4⅞ lbs.
159S	Surface	3⅛ x ⅞ in.	Cast Brass or Bronze (Specify Hand)	4⅞ lbs.
172M	Mortise	3 x 1¼ in.	Cast Brass or Bronze (Specify Hand)	6¼ lbs.
172S	Surface	3 x 1¼ in.	Cast Brass or Bronze (Specify Hand)	8 lbs.
178M	Mortise	3⅛ x 1⅛ in.	Cast Brass or Bronze (Specify Hand)	5⅜ lbs.
178R	Rim	3⅛ x 1⅛ in.	Cast Brass or Bronze (Specify Hand)	6⅜ lbs.
178S	Surface	3⅛ x 1⅛ in.	Cast Brass or Bronze (Specify Hand)	6⅛ lbs.
192S	Surface	3 x 1¼ in.	Cast Brass or Bronze (Specify Hand)	6 lbs.

Iron, one dozen; brass or bronze, half dozen in a box, with screws.

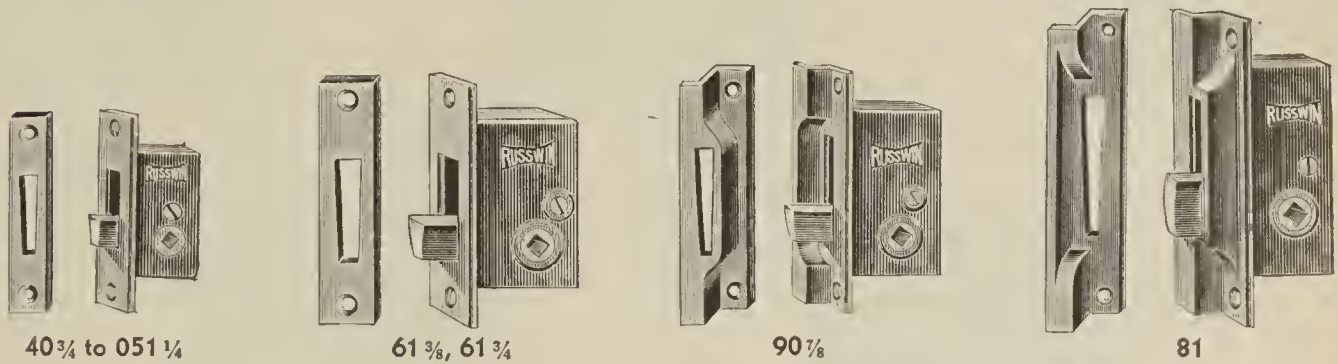
Specify Number (using proper suffix to indicate strike) and Finish.

Finishes described on pages 16 to 18.

Mortise Casement Fasteners

Brass Hubs for $\frac{5}{16}$ -Inch Spindles

Illustrations One-quarter Size



Flat Front, Reversible

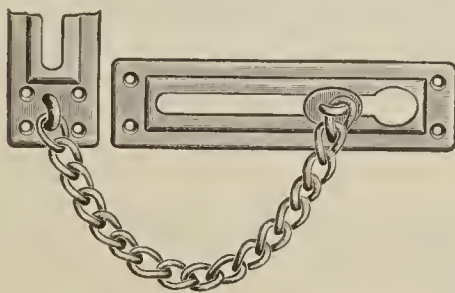
Number	Japanned Iron Cases	Cast Brass or Bronze Fronts	Backset	Weight Each
40 $\frac{3}{4}$	2 $\frac{1}{8}$ x 1 $\frac{3}{8}$ x $\frac{1}{2}$ in.	3 $\frac{3}{8}$ x $\frac{7}{8}$ in.	$\frac{3}{4}$ in.	$\frac{1}{3}$ lb.
51	2 $\frac{7}{8}$ x 1 $\frac{3}{4}$ x $\frac{5}{8}$ in.	4 $\frac{1}{8}$ x $\frac{7}{8}$ in.	1 in.	$\frac{1}{2}$ lb.
51 $\frac{1}{4}$	2 $\frac{7}{8}$ x 2 x $\frac{5}{8}$ in.	4 $\frac{1}{8}$ x $\frac{7}{8}$ in.	1 $\frac{1}{4}$ in.	$\frac{2}{3}$ lb.
051 $\frac{1}{4}$ †	2 $\frac{7}{8}$ x 2 x $\frac{5}{8}$ in.	4 $\frac{1}{8}$ x $\frac{7}{8}$ in.	1 $\frac{1}{4}$ in.	$\frac{2}{3}$ lb.
61 $\frac{3}{8}$	2 $\frac{7}{8}$ x 2 $\frac{1}{8}$ x $\frac{5}{8}$ in.	4 $\frac{1}{8}$ x 1 in.	1 $\frac{3}{8}$ in.	$\frac{3}{4}$ lb.
61 $\frac{3}{4}$	3 $\frac{1}{4}$ x 2 $\frac{1}{2}$ x $\frac{5}{8}$ in.	4 $\frac{1}{2}$ x 1 in.	1 $\frac{3}{4}$ in.	$\frac{7}{8}$ lb.

$\frac{1}{2}$ Inch Rabbeted Front, Not Reversible

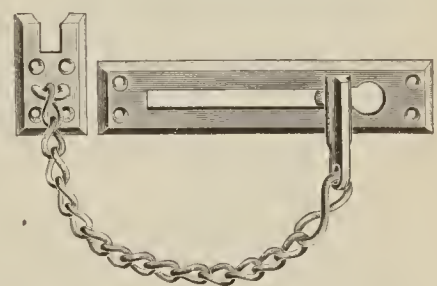
90 $\frac{7}{8}$	2 $\frac{7}{8}$ x 2 x $\frac{5}{8}$ in.	4 $\frac{1}{8}$ x $\frac{7}{8}$ in.	$\frac{7}{8}$ x 1 $\frac{1}{4}$ in.	$\frac{2}{3}$ lb.
81	3 $\frac{5}{8}$ x 2 $\frac{1}{2}$ x $\frac{9}{16}$ in.	5 $\frac{3}{8}$ x 1 $\frac{1}{8}$ in.	1 x 1 $\frac{1}{2}$ in.	1 $\frac{1}{4}$ lbs.

† Has deadlocking attachment which prevents operation of the bolt from the outside.
For Knobs, T Handles and Lever Handles suitable for use with these Fasteners, see pages 213 to 225.
Six in a box, with screws.

Chain Door Fasteners



12, 7012



14, 15, 7014, 7015

Number	Size	Description	Weight, Dozen
14	4 in.	Cast Brass or Bronze	5 $\frac{1}{2}$ lbs.
15	6 in.	Cast Brass or Bronze	5 $\frac{7}{8}$ lbs.
12	6 in.	Wrought Bronze	4 $\frac{1}{2}$ lbs.
7014	4 in.	Cast Iron, Plated	5 lbs.
7015	6 in.	Cast Iron, Plated	5 $\frac{3}{4}$ lbs.
7012	6 in.	Wrought Steel, Plated	4 $\frac{1}{2}$ lbs.

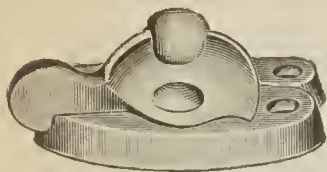
Specify Number and Finish.

Finishes described on pages 16 to 18.

Half dozen in a box, with screws.

Sash Fasteners

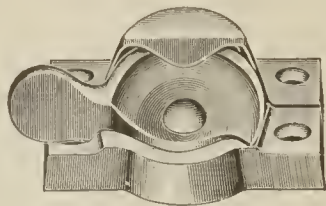
Illustrations One-half Size



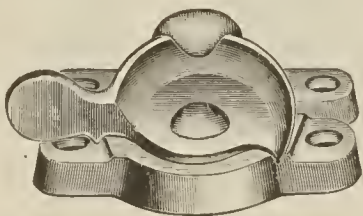
110, T110, 7110



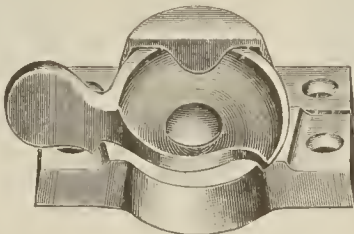
Flush Strikes can be furnished on special order.



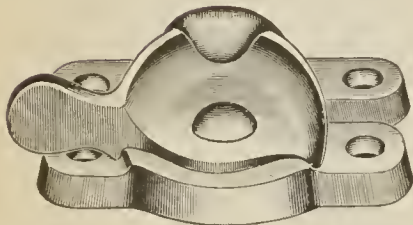
210



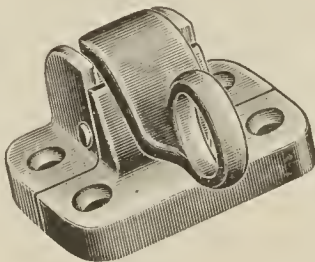
120, T120, 7120



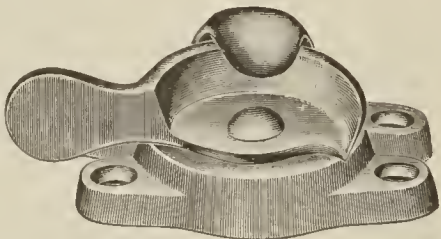
220



130, 7130



150—T7150
Type of 149



7440

Light Weight

Number	Case	Strike	Description	Weight, Dozen
110	2 1/2 x 7/8 in.	2 1/2 x 9/16 in.	Cast Brass or Bronze, Polished	2 7/8 lbs.
T110	2 1/2 x 7/8 in.	2 1/2 x 9/16 in.	Cast Brass or Bronze	3 1/8 lbs.
7110	2 1/2 x 7/8 in.	2 9/16 x 9/16 in.	Cast Iron	2 1/2 lbs.
210	2 1/2 x 1 5/16 in.	2 1/2 x 5/8 in.	Cast Brass or Bronze, Polished	2 5/8 lbs.

One dozen in a box, with screws. Twelve dozen in a fibre container, weight 30 lbs.

Medium Weight

120	2 3/4 x 1 in.	2 3/4 x 1 1/16 in.	Cast Brass or Bronze, Polished	4 lbs.
T120	2 3/4 x 1 in.	2 3/4 x 1 1/16 in.	Cast Brass or Bronze	4 5/8 lbs.
7120	2 7/8 x 1 1/16 in.	2 7/8 x 1 1/16 in.	Cast Iron	3 7/8 lbs.
220	2 7/8 x 1 1/16 in.	2 7/8 x 1 1/16 in.	Cast Brass or Bronze, Polished	4 5/8 lbs.

One dozen in a box, with screws. Twelve dozen in a fibre container, weight 50 lbs.

Heavy Weight

130	3 5/16 x 1 3/16 in.	3 5/16 x 3/4 in.	Cast Brass or Bronze, Polished	4 5/8 lbs.
7130	3 3/8 x 1 3/16 in.	3 3/8 x 3/4 in.	Cast Iron	4 3/4 lbs.

One half dozen in a box, with screws.

Extra Heavy Weight

For metal sash, packed with machine screws.

7440	3 1/4 x 1 1/4 in.	3 1/4 x 3/4 in.	Malleable Iron, Plated	5 3/4 lbs.
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One dozen in a box, with screws.

Signal Sash Fasteners

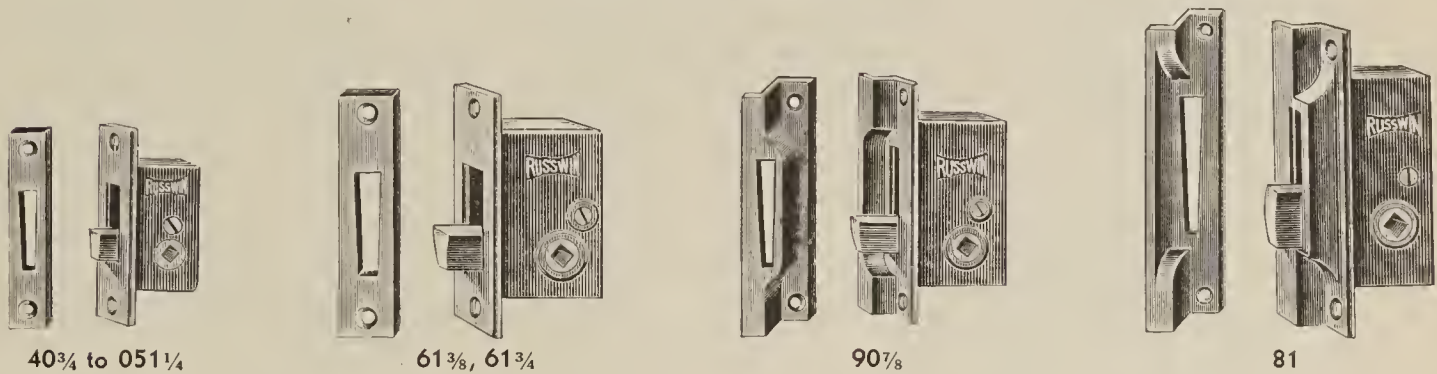
149*	2 3/8 x 1 5/16 in.	2 3/8 x 1 5/16 in.	Cast Brass or Bronze	6 lbs.
150*	2 3/8 x 1 in.	2 3/8 x 1 5/16 in.	Cast Brass or Bronze	6 lbs.
T7150*	2 3/8 x 1 in.	2 3/8 x 1 5/16 in.	Cast Iron.	5 lbs.

*Can be operated from floor with Window Pole. Particularly adaptable to public buildings and schools. When Arm is thrown, Sash is locked. Arm cannot be thrown without locking the Sash. One-half dozen in a box, with screws. Specify Number and Finish. Finishes described on pages 16 to 18.

Mortise Casement Fasteners

Brass Hubs for $\frac{5}{16}$ Inch Spindles

Illustrations One-quarter Size



Flat Front, Reversible

Number	Japanned Iron Cases	Cast Brass or Bronze Fronts	Backset	Weight, Each
40 $\frac{3}{4}$	2 $\frac{1}{8}$ x 1 $\frac{3}{8}$ x $\frac{1}{2}$ in.	3 $\frac{3}{8}$ x $\frac{7}{8}$ in.	$\frac{3}{4}$ in.	$\frac{1}{3}$ lb.
51	2 $\frac{7}{8}$ x 1 $\frac{3}{4}$ x $\frac{5}{8}$ in.	4 $\frac{1}{8}$ x $\frac{7}{8}$ in.	1 in.	$\frac{1}{2}$ lb.
51 $\frac{1}{4}$	2 $\frac{7}{8}$ x 2 x $\frac{5}{8}$ in.	4 $\frac{1}{8}$ x $\frac{7}{8}$ in.	1 $\frac{1}{4}$ in.	$\frac{2}{3}$ lb.
051 $\frac{1}{4}$ †	2 $\frac{7}{8}$ x 2 x $\frac{5}{8}$ in.	4 $\frac{1}{8}$ x $\frac{7}{8}$ in.	1 $\frac{1}{4}$ in.	$\frac{2}{3}$ lb.
61 $\frac{3}{8}$	2 $\frac{7}{8}$ x 2 $\frac{1}{8}$ x $\frac{5}{8}$ in.	4 $\frac{1}{8}$ x 1 in.	1 $\frac{3}{8}$ in.	$\frac{3}{4}$ lb.
61 $\frac{3}{4}$	3 $\frac{1}{4}$ x 2 $\frac{1}{2}$ x $\frac{5}{8}$ in.	4 $\frac{1}{2}$ x 1 in.	1 $\frac{3}{4}$ in.	$\frac{7}{8}$ lb.

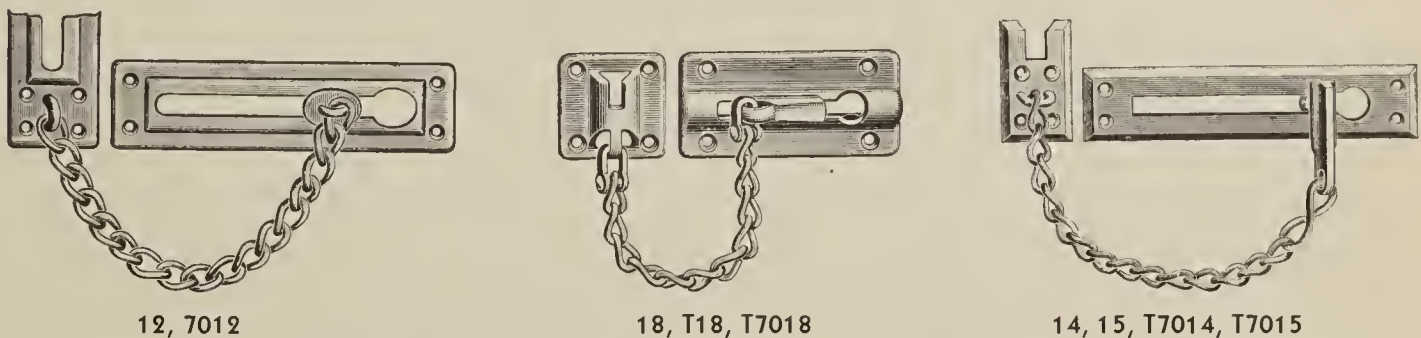
$\frac{1}{2}$ Inch Rabbeted Front, Not Reversible

90 $\frac{7}{8}$	2 $\frac{7}{8}$ x 2 x $\frac{5}{8}$ in.	4 $\frac{1}{8}$ x $\frac{7}{8}$ in.	$\frac{7}{8}$ x 1 $\frac{1}{4}$ in.	$\frac{2}{3}$ lb.
81	3 $\frac{5}{8}$ x 2 $\frac{1}{2}$ x $\frac{9}{16}$ in.	5 $\frac{3}{8}$ x 1 $\frac{1}{8}$ in.	1 x 1 $\frac{1}{2}$ in.	1 $\frac{1}{4}$ lbs.

†Has deadlocking attachment which prevents operation of the bolt from the outside.

Six in a box, with screws. For Knobs, T Handles and Lever Handles suitable for use with these Fasteners, see pages 213 to 225.

Chain Door Fasteners



Number	Size	Description	Weight, Dozen
14	4 in.	Cast Brass or Bronze	5 $\frac{1}{2}$ lbs.
15	6 in.	Cast Brass or Bronze	5 $\frac{7}{8}$ lbs.
18	4 in.	Cast Brass or Bronze	7 $\frac{1}{2}$ lbs.
T18	4 in.	Cast Brass or Bronze, (Friction Polished)	7 $\frac{3}{4}$ lbs.
12	6 in.	Wrought Bronze	4 $\frac{1}{2}$ lbs.
T7014	4 in.	Cast Iron, Plated	5 lbs.
T7015	6 in.	Cast Iron, Plated	5 $\frac{3}{4}$ lbs.
T7018	4 in.	Cast Iron, Plated	6 $\frac{7}{8}$ lbs.
7012	6 in.	Wrought Steel, Plated	4 $\frac{1}{2}$ lbs.

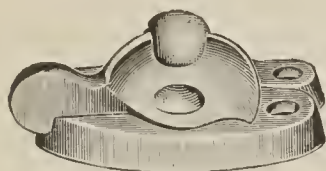
Specify Number and Finish.

Finishes described on pages 16 to 18.

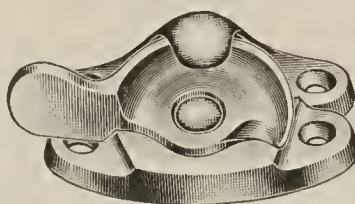
Half dozen in a box, with screws.

Sash Fasteners

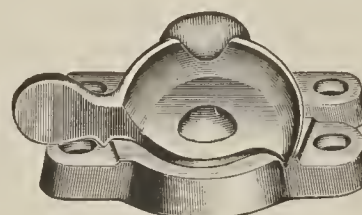
Illustrations One-half Size



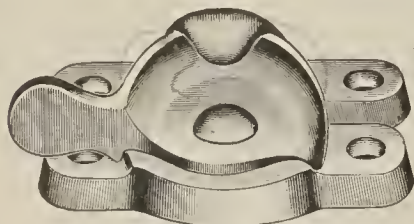
110, T110, T7110



115, T115, T7115
Government Type



120, T120, T7120



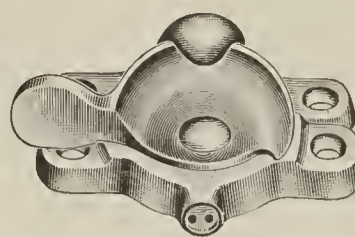
130, T7130



Janitors
Key



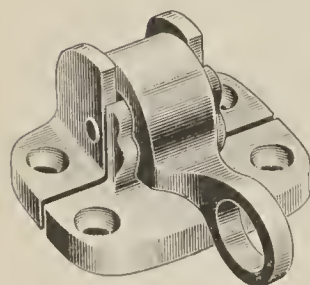
Regular
Key



122

For Air Conditioned Rooms

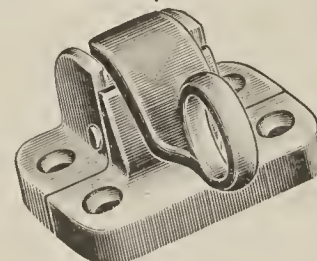
Furnished with Key making unauthorized
operation of Windows impossible.



151, T7151



Flush Strikes can be furnished on
Special Order.



150, T7150 Type of 149

Light Weight

Number	Case	Strike	Description	Weight, Dozen
110	2 1/2 x 7/8 in.	2 1/2 x 9/16 in.	Cast Brass or Bronze, Polished	2 7/8 lbs.
T110	2 1/2 x 7/8 in.	2 1/2 x 9/16 in.	Cast Brass or Bronze, Friction Polished	3 1/8 lbs.
T7110	2 1/2 x 7/8 in.	2 1/2 x 9/16 in.	Cast Iron	2 1/2 lbs.

Medium Weight—Government Type

115 Govt. No. 1139	2 3/4 x 1 in.	2 3/4 x 1 1/16 in.	Cast Brass or Bronze, Polished	3 1/2 lbs.
T115	2 3/4 x 1 in.	2 3/4 x 1 1/16 in.	Cast Brass or Bronze, Friction Polished	3 1/2 lbs.
T7115 Govt. No. 1139A	2 3/4 x 1 in.	2 3/4 x 1 1/16 in.	Cast Iron	3 lbs.

Medium Heavy Weight

120	2 13/16 x 1 1/16 in.	2 13/16 x 1 1/16 in.	Cast Brass or Bronze, Polished	4 lbs.
T120	2 13/16 x 1 1/16 in.	2 13/16 x 1 1/16 in.	Cast Brass or Bronze, Friction Polished	4 5/8 lbs.
T7120	2 7/8 x 1 1/16 in.	2 7/8 x 1 1/16 in.	Cast Iron	3 7/8 lbs.

One dozen in a box, with screws.

Air Conditioning Sash Lock

122	2 13/16 x 1 3/16 in.	2 13/16 x 1 1/16 in.	Cast Brass or Bronze, Polished	5 lbs.
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Each Lock is furnished with Flat Steel Key. Special Janitors Key available. Order Sash Lock Key 122.

Heavy Weight

130	3 5/16 x 1 3/16 in.	3 5/16 x 3/4 in.	Cast Brass or Bronze, Polished	4 5/8 lbs.
T7130	3 3/8 x 1 3/16 in.	3 3/8 x 3/4 in.	Cast Iron	4 3/4 lbs.

Signal Sash Fasteners

149*	2 3/8 x 1 5/16 in.	2 3/8 x 1 5/16 in.	Cast Brass or Bronze, Polished	6 lbs.
150*	2 3/8 x 1 in.	2 3/8 x 1 5/16 in.	Cast Brass or Bronze, Polished	6 lbs.
151*	2 3/8 x 1 3/4 in.	2 3/8 x 1 5/16 in.	Cast Brass or Bronze, Polished	6 1/4 lbs.
T7150*	2 3/8 x 1 in.	2 3/8 x 1 5/16 in.	Cast Iron	5 lbs.
T7151*	2 3/8 x 1 3/4 in.	2 3/8 x 1 5/16 in.	Cast Iron	6 1/2 lbs.

One-half dozen in a box, with screws.

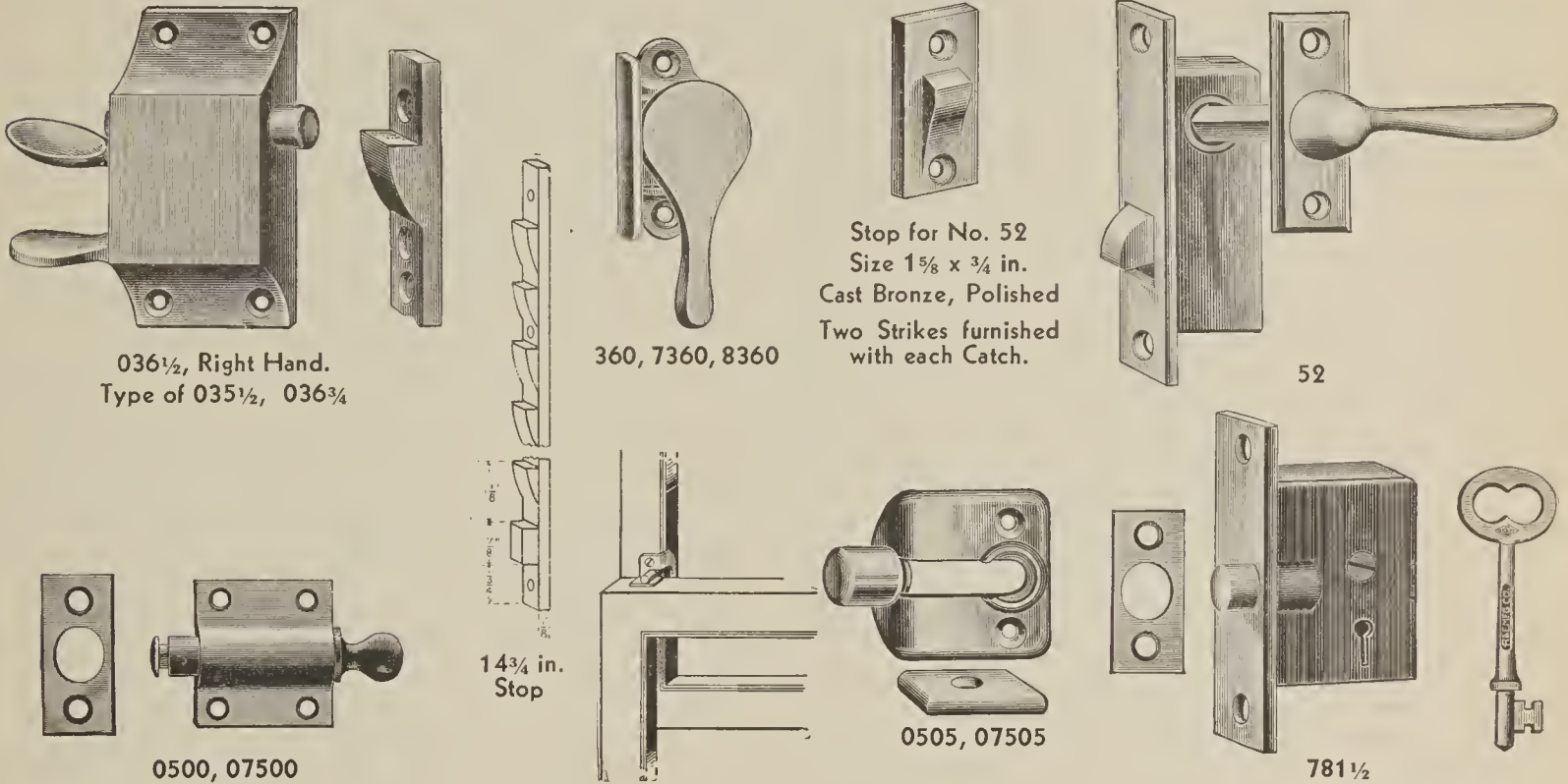
*Can be operated from floor with Window Pole. Particularly adaptable to public buildings and schools. When Arm is thrown, Sash is locked. Arm cannot be thrown without locking the Sash. One-half dozen in a box, with screws.

Specify Number and Finish.

Finishes described on pages 16 to 18.

Sash Fasteners

Illustrations One-half Size



Car Window, Sash or Blind Locks Cast Brass or Bronze

Number	Size	Description	Weight, Dozen
035 1/2	2 7/8 x 1 5/16 in.	3 Stops, 2 5/16 x 1/2 in.	7 lbs.
036 1/2 *	2 5/8 x 1 1/8 in.	3 Stops, 1 9/16 x 7/16 in.	4 3/8 lbs.
036 3/4 *	2 5/8 x 1 1/8 in.	1 Stop, 1 4 3/4 x 7/16 in.	5 lbs.

*To Navy Specifications No. 42L25A. Specify hand.

Sash Ventilating Bolts

0505	1 1/2 x 1 3/8 x 7/8 in.	Wrought Brass or Bronze	1 3/8 lbs.
07505	1 1/2 x 1 3/8 x 7/8 in.	Wrought Steel	1 1/4 lbs.

With Holdback Spring Bolts. Three Strikes for each Bolt

0500	1 1/4 x 1 1/8 in.	Cast Brass or Bronze	1 7/8 lbs.
07500	1 1/4 x 1 1/8 in.	Cast Iron	1 3/4 lbs.

Side Sash Fasteners

360	Cast Bronze, Wheel Polished	1 1/4 lbs.
7360	Malleable Iron, Wheel Polished	1 1/4 lbs.
8360	Malleable Iron, Friction Polished, Kahala	1 1/4 lbs.

Mortise Sash Locks

With Spring Bolt. Always Locked
Three Bronze Strikes. One Key, Class No. 404

Number	Case	Front	Backset	Description	Weight, Dozen
781 1/2	1 3/4 x 1 3/4 x 7/16 in.	3 x 1 1/16 in.	1 in.	Cast Brass or Bronze Front and Bolt	3 lbs.

Sliding Grill Fastener or Catch

Specify length of Spindle

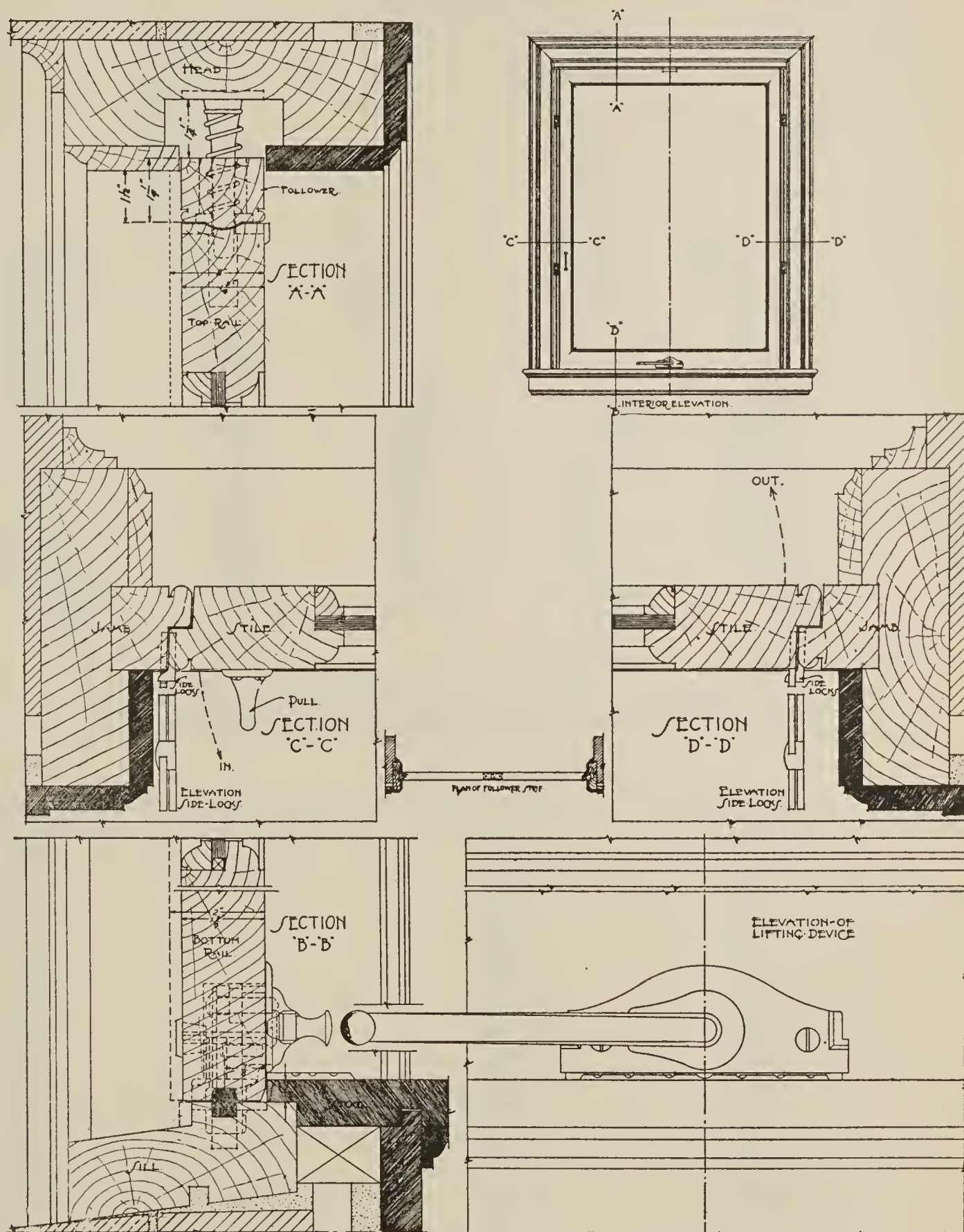
Number	Case	Front	Lever	Escutcheon	Description	Weight, Dozen
52	2 3/8 x 7/8 in.	3 1/4 x 3/4 in.	2 in.	2 x 3/4 in.	Brass or Bronze Catch and Lever	9 lbs.

No. 52, half dozen; other numbers, one dozen in a box, with screws.

Specify Number and Finish.

Finishes described on pages 16 to 18.

Elevating Sash Fixtures



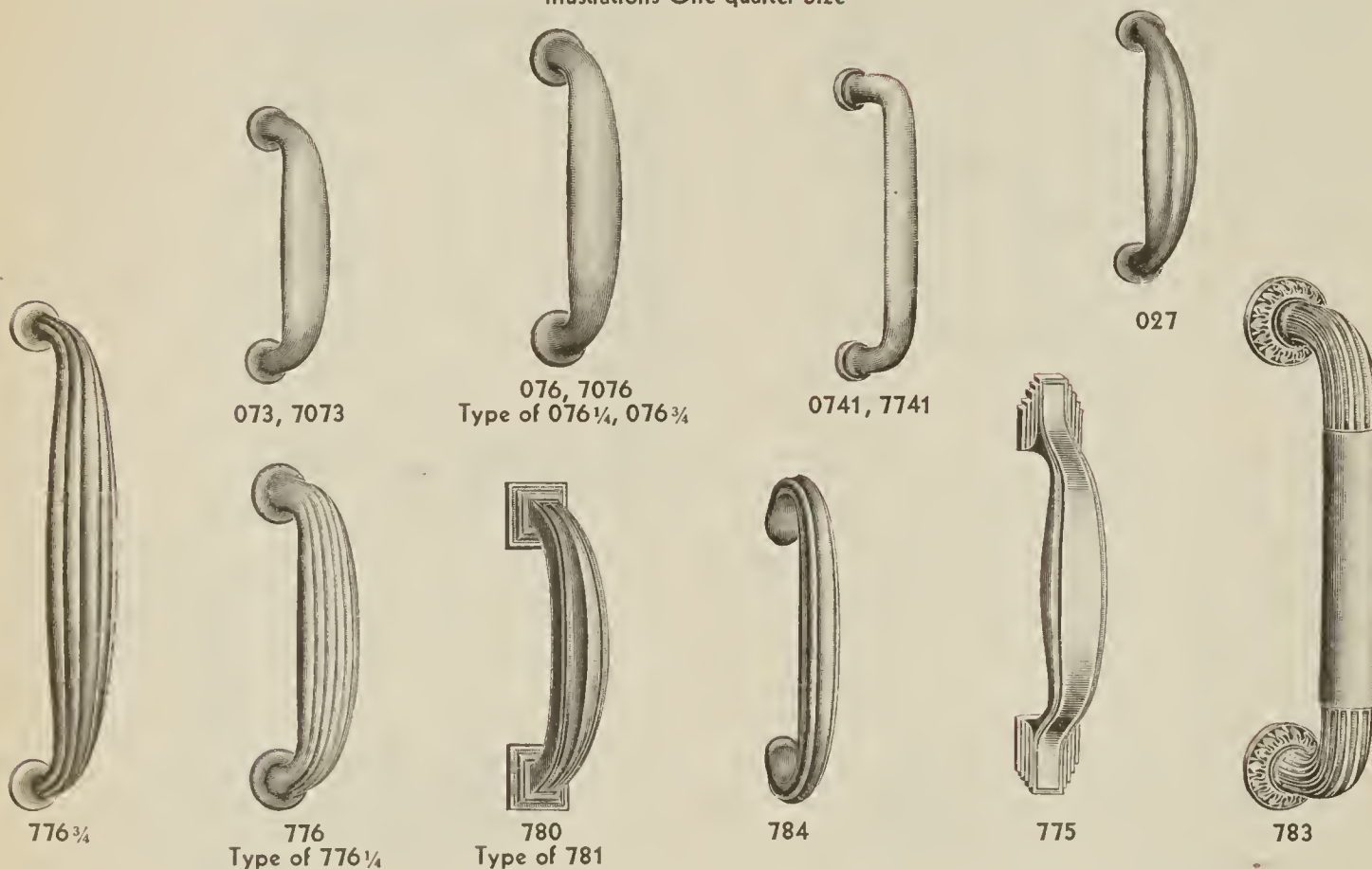
Nos. 600 to 7602

Details of Sash Construction showing application of Nos. 600 to 7602.

Grips

(Bar Type)

Illustrations One-quarter Size



These Grips may be used independently, especially on metal doors; or when so ordered, will be fitted to Push Plates for use as Door Pulls. Furnished with nuts for fastening to plate and machine screws for fastening through door, except Nos. 0741 and 7741, which have machine screws and washers for fastening to plate.

Cast Brass or Bronze

Number	Center to Center	Length Over All	Illustrated on Page	Weight, Each
027	4 3/8 in.	5 1/8 in.		5/8 lb.
071	5 in.	6 1/4 in.	193	3/4 lb.
072	4 5/8 in.	5 7/8 in.	193	7/8 lb.
073	4 3/8 in.	5 1/4 in.		5/8 lb.
076	5 1/4 in.	6 1/4 in.		1 lb.
076 1/4	6 1/2 in.	7 1/2 in.		1 3/8 lbs.
076 3/4	9 1/2 in.	10 3/4 in.		2 lbs.
0741	5 1/8 in.	5 3/4 in.		1/2 lb.
0745	5 1/2 in.	6 in.	190	1 lb.
0746	4 1/4 in.	4 7/8 in.	190	1/2 lb.
775	6 1/2 in.	7 3/4 in.		1 1/4 lbs.
776	5 3/8 in.	6 1/2 in.		1 3/8 lbs.
776 1/4	6 1/2 in.	7 5/8 in.		1 5/8 lbs.
776 3/4	9 in.	9 7/8 in.		1 7/8 lbs.
780	4 3/4 in.	6 in.		1 lb.
781	6 7/8 in.	8 1/8 in.		1 1/2 lbs.
783	8 3/8 in.	10 in.		2 1/4 lbs.
784	4 3/8 in.	6 in.		3/4 lb.

Cast Iron

7073	4 3/8 in.	5 1/8 in.	5/8 lb.
7076	5 1/4 in.	6 1/4 in.	7/8 lb.
7741	5 1/8 in.	5 7/8 in.	1 1/2 lb.

Specify Number and Finish.

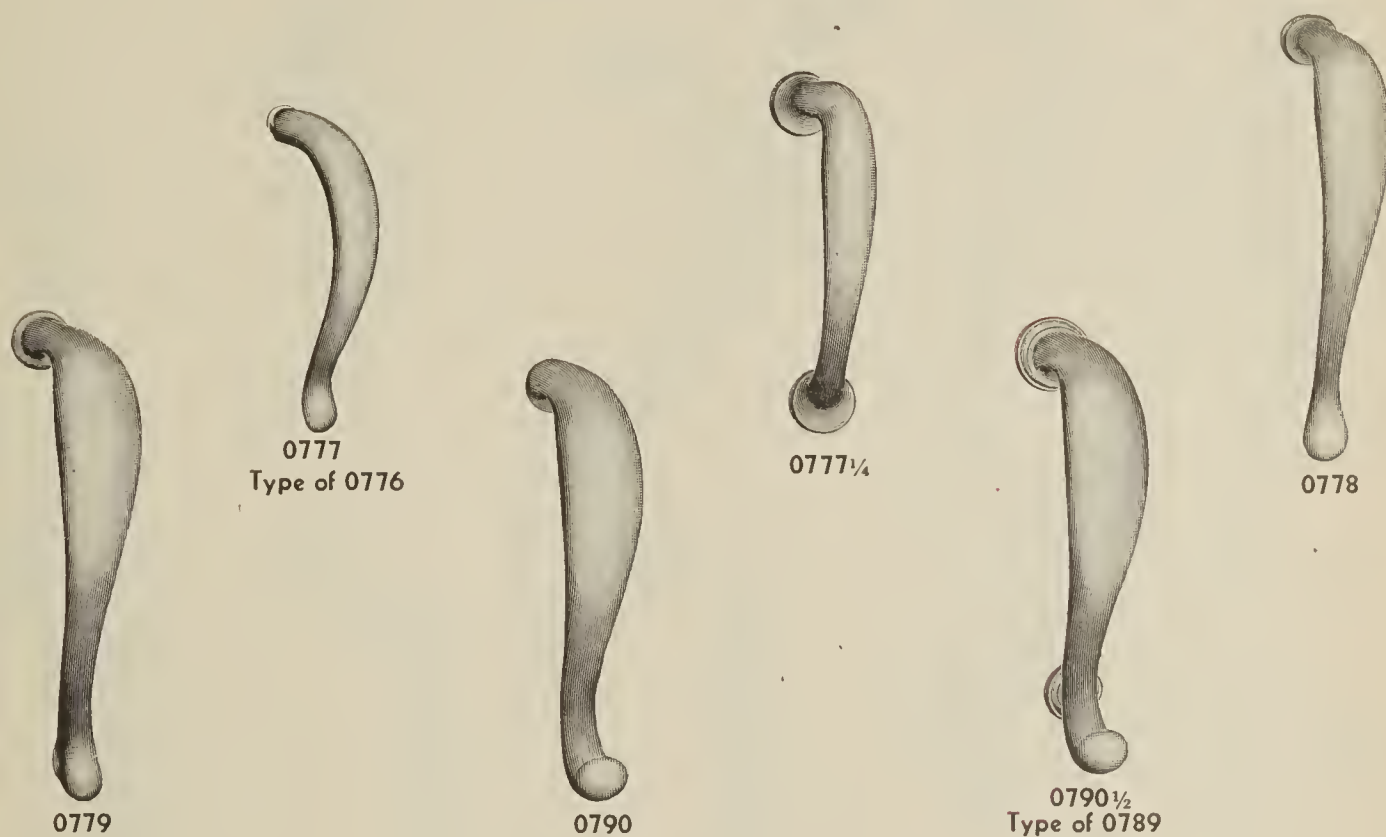
Finishes described on pages 16 to 18.
For Door Pulls, see pages 528 to 532.

Two in a box.

Grips

(Pitcher Type)

Illustrations One-quarter Size



These Grips may be used independently, especially on metal doors, or, when so ordered, will be fitted to Push Plates for use as Door Pulls. Furnished with nuts for fastening to plate, and machine screws for fastening through door.

Cast Brass or Bronze

Number	Center to Center	Length Overall	Illustrated on Page	Weight, Each
0776	4 $\frac{5}{8}$ in.	5 $\frac{1}{2}$ in.		$\frac{1}{2}$ lb.
0777	5 $\frac{1}{4}$ in.	6 $\frac{1}{8}$ in.		$\frac{3}{4}$ lb.
0777 $\frac{1}{4}$	5 $\frac{1}{4}$ in.	6 $\frac{1}{4}$ in.		$\frac{7}{8}$ lb.
0778	7 in.	7 $\frac{3}{4}$ in.		1 $\frac{1}{8}$ lbs.
0779	7 $\frac{1}{2}$ in.	8 $\frac{5}{8}$ in.		1 $\frac{7}{8}$ lbs.
0789	8 $\frac{5}{8}$ in.	10 $\frac{3}{4}$ in.		3 $\frac{1}{2}$ lbs.
0790	6 in.	7 $\frac{5}{8}$ in.		1 $\frac{1}{2}$ lbs.
0790 $\frac{1}{2}$	6 in.	8 in.		1 $\frac{5}{8}$ lbs.
0799	6 in.	7 $\frac{1}{4}$ in.	192	1 $\frac{1}{8}$ lbs.

Specify Number and Finish.

Finishes described on pages 16 to 18.
For Door Pulls, see pages 528 to 532.

Two in a box.

Grips

(Pitcher Type)

Illustrations One-quarter Size



773
Type of 774



0791



0782



0780



0795
Type of 0795 1/2



0785

These Grips may be used independently, especially on metal doors; or, when so ordered, will be fitted to Push Plates for use as Door Pulls. Furnished with nuts for fastening to plate, and machine screws for fastening through door.

Cast Brass or Bronze

Number	Center to Center	Length Overall	Illustrated on Page	Weight, Each
773	5 1/8 in.	6 in.	—	1 1/8 lbs.
774	6 1/8 in.	7 1/8 in.	—	1 1/2 lbs.
0780	7 in.	7 7/8 in.	—	1 1/2 lbs.
0782	7 3/8 in.	8 3/8 in.	—	1 3/4 lbs.
0785	7 3/8 in.	8 1/2 in.	—	1 1/2 lbs.
0791	6 in.	7 7/8 in.	—	1 5/8 lbs.
0792	5 1/4 in.	6 in.	191	3/4 lb.
0793	5 in.	5 3/4 in.	191	5/8 lb.
0794	5 in.	5 3/4 in.	190	5/8 lb.
0795	7 5/8 in.	8 1/2 in.	—	1 3/8 lbs.
0795 1/2	5 5/8 in.	6 1/2 in.	—	1 1/8 lbs.
0796	8 in.	9 5/8 in.	200	2 3/8 lbs.
0798	5 1/4 in.	6 in.	189	3/4 lb.

Specify Number and Finish.

Finishes described on pages 16 to 18.
For Door Pulls, see pages 528 to 532.

Two in a box.

Offset Grips

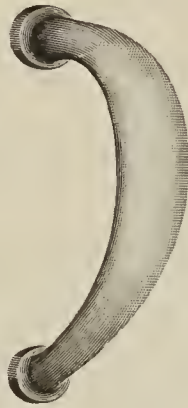
Illustrations One-quarter Size



074, 7074



774¹/₄



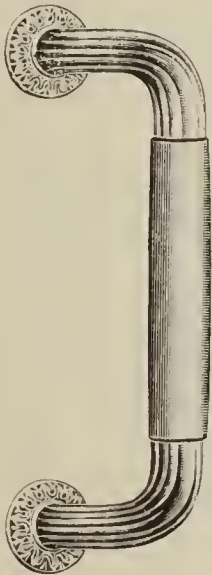
0774¹/₄



0779¹/₄
Type of 0778¹/₄



0790¹/₄



783¹/₂
Type of 782¹/₂



785



786³/₄



0772
Left Hand



0788
Right Hand

These Grips may be used independently, especially on metal doors; or when so ordered, will be fitted to Push Plates for use as Door Pulls. Furnished with nuts for fastening to plate, and machine screws for fastening through door.

Cast Brass and Bronze

Number	Center to Center	Length Over-all	Offset	Hand	Weight, Each
074	4 ³ / ₈ in.	5 ¹ / ₄ in.	³ / ₈ in.	Reversible	⁵ / ₈ lb.
0772	5 ⁷ / ₈ in.	7 ³ / ₄ in.	1 ⁵ / ₈ in.	Specify Hand	1 ³ / ₈ lbs.
774 ¹ / ₄	6 ¹ / ₈ in.	7 ¹ / ₈ in.	1 ³ / ₈ in.	Specify Hand	1 ³ / ₈ lbs.
0774 ¹ / ₄	6 ¹ / ₈ in.	7 ¹ / ₈ in.	1 ³ / ₈ in.	Specify Hand	1 ³ / ₈ lbs.
0778 ¹ / ₄	7 in.	7 ⁷ / ₈ in.	³ / ₄ in.	Specify Hand	1 ³ / ₈ lbs.
0779 ¹ / ₄	7 ¹ / ₂ in.	8 ⁵ / ₈ in.	³ / ₄ in.	Specify Hand	1 ³ / ₈ lbs.
782 ¹ / ₂	6 ¹ / ₂ in.	8 in.	1 ¹ / ₈ in.	Reversible	1 ³ / ₈ lbs.
783 ¹ / ₂	8 ³ / ₈ in.	10 in.	1 ³ / ₈ in.	Reversible	2 ¹ / ₄ lbs.
785	8 ³ / ₈ in.	10 in.	1 ³ / ₈ in.	Reversible	2 ¹ / ₄ lbs.
786 ³ / ₄	9 in.	9 ⁷ / ₈ in.	1 in.	Reversible	2 ¹ / ₄ lbs.
0788	5 ³ / ₈ in.	6 ¹ / ₄ in.	⁷ / ₈ in.	Specify Hand	1 lb.
0790 ¹ / ₄	6 in.	7 ⁵ / ₈ in.	³ / ₄ in.	Specify Hand	1 lb.

Cast Iron

7074	4 ³ / ₈ in.	5 ¹ / ₈ in.	³ / ₈ in.	Reversible	⁵ / ₈ lb.
------	-----------------------------------	-----------------------------------	---------------------------------	------------	---------------------------------

Specify Number and Finish.

Finishes described on pages 16 to 18.
For Door Pulls, see pages 528 to 532.

Two in a box.

Garage Door Hardware

Adaptable Cylinder Locks

With Russwin Unit Ball-Bearing Cylinders

For Hinged Doors

Either Right or Left-Hand Reverse Bevel, 1½ to 3 Inch

No. 200*

The feature of this lock is its adaptability to any position the door may assume, as a result of the natural tendency of wide, heavy doors to sag.

The broad latching face on the strike affords a safe "grip" irrespective of the sag that may take place on either door. Slotted screw holes permit extension of strike in the event doors shrink. The bolt is hinged and self-latching.

The case is of cast iron, size 4½ in. x 4⅝ in. and has a stop to hold the latch retracted when desired. The backset is 3 in. The cylinder and cylinder collar are of bronze metal, and when applied to the door are flush with the stile, thus preventing any operation of the cylinder, except by the regular change or master key to which it is subject.

The application is very simple—requiring only the boring of a 1½ in. hole through the door.

The cylinders of these locks may be master-keyed or grand master-keyed with other Russwin cylinder locks, thus making it possible to have a number of garages under the control of one key, or the lock on the garage door may be made subject to the key of the residence lock. See page 355.

Size	Backset	Bolt, Case and Strike
4½ x 4⅝ in.	3 in.	Cast Iron, Dead Black

Operation: By key from outside and thumb latch inside.

Stop can be set to hold the bolt retracted.

No. 200 packed one in a box, complete with screws and three Liberty Silver Keys, Class No. 852; twelve in a fibre container, weight 38 lbs.

For Sliding Doors

Adjustable for Door 1¾ to 3 Inch. Reversible

No. 300

Self-latching, broad-faced, hinged malleable iron latch bolts, which engage with the strike irrespective of any sag of the door.

The case is of cast iron, size 5⅝ in. x 4 in., and has a stop to hold the latch retracted when desired. The backset is 3 in. The cylinder and cylinder collar are of bronze metal, and when applied to the door are flush with the stile, preventing any operation of the same, except by the regular change or master-key to which it is subject. A feature of this lock, which is exclusively Russwin, is that the latch bolt when withdrawn by the key from the outside remains in a retracted position as long as the key remains in the lock, thus allowing the use of both hands for the operation of the door. The application and master-keyable features are the same as the No. 200 lock. See page 355.

Size	Backset	Case and Strike (Protected)
5⅝ x 4 in.	3 in.	Cast Iron, Dead Black

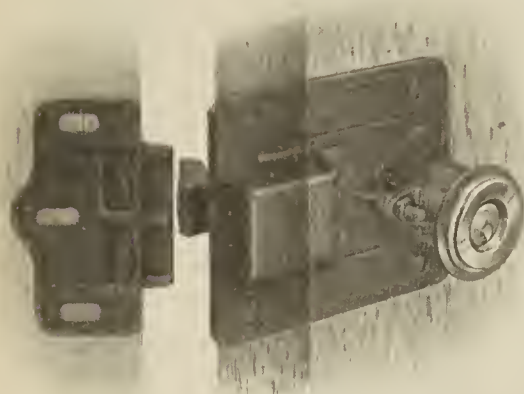
Operation: By key from outside, by lever inside. When latch is withdrawn by the key it remains in a retracted position until key is withdrawn. Latch can be held retracted by the stop.

No. 300 packed one in a box complete with screws, and three Liberty Silver Keys, Class No. 852; twelve in a fibre container, weight 40 lbs.

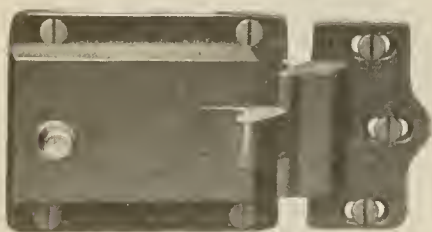
*Can be furnished with strike No. 1, for use on single doors, specify x Strike No. 1.

Suitable Pulls for use in connection with No. 300, see page 533.

For description of Unit Cylinders as used with these locks, see page 341.

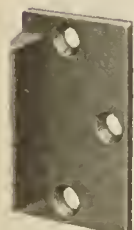


Phantom view showing Lock and Strike on the doors and the Russwin Adjustable Unit Cylinder attached to the Lock Case



Number 200*

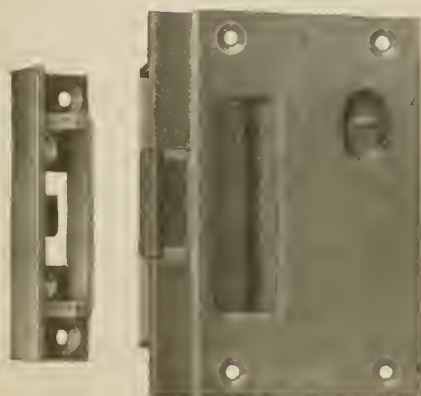
With Strike for Double Doors as regularly packed



Strike No. 1 for Lock No. 200 when used on Single Doors



Unit Type Cylinder as used with both Nos. 200 and 300



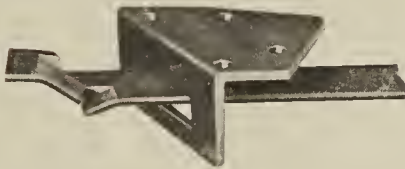
Number 300

Garage Door Hardware

Hold-Open Arms



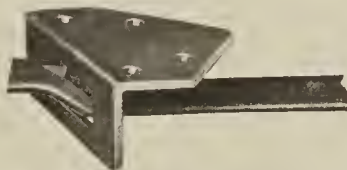
2 Standard Type, Applied
Type of 3, With Patented Shock Absorber



2 Unlocked. Bar has been tilted so that lugs clear the strike, and bar is free to pass through the strike



3 Unlocked. Bar has been tilted so that lugs clear the strike, and bar is free to pass through the strike



2 Locked. Bar firmly locked by lugs at top and bottom of the bar



3 Locked. Bar firmly locked by lugs on both sides of the bar

Self-Adjusting

Have the advantage of other door holders of this type, in that the self-adjusting feature provides for any sag of the door.

All working parts have been planned to allow perfect freedom and positive locking action, even on doors which have sagged.

Both Nos. 2 and 3 Holders are equipped with wooden handles, securely attached to the chain.

The operation of either of these devices is as follows: A slight pull on the chain tilts the arm, disengages the locking lug and allows the arm to slide through the strike. When pressure is removed from the chain, the arm and locking lug drop into a locked position by gravity (see cut).

The No. 3 Holder is like the No. 2 with the addition of a shock absorbing spring, which takes the strain from the hinges as well as the holders, when doors are forcibly thrown open by either manual or wind pressure.

When the arm bracket is placed 13 inches from the hinge edge of the door and strike is 18 inches out on the top casing, the door is held open at an angle of approximately 95 degrees. If a greater angle is required it can be obtained by placing the strike nearer the hinge edge.

For Right or Left-Hand Reverse Bevel Doors

Number	Description
2	Wrought Steel, Dead Black Finish
3	Wrought Steel, Dead Black Finish, with Shock Absorber

One pair in a box, with screws.

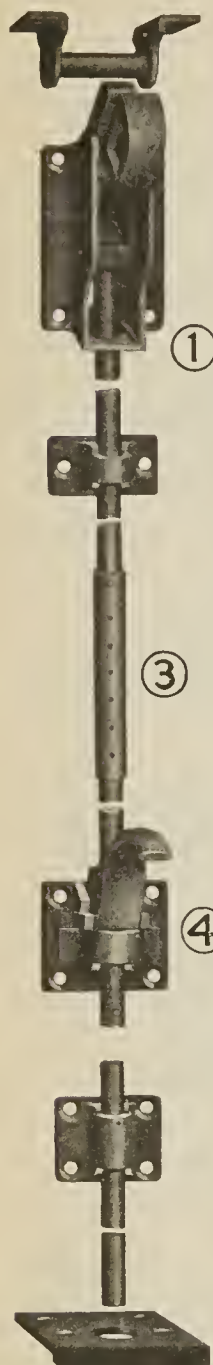
Six pairs in a fibre container

Weights: No. 2, 50 lbs, No. 3, 60 lbs.

Garage Door Hardware

Self-Latching Door Bolt No. 1

Patented



Self-Latching
Door Bolt No. 1



All and more than the name implies. The application is very simple, requiring but very little time to apply, and no mortising except for the bottom strike.

The feature of this bolt is that one manual operation is all that is required on the Russwin Self-Latching Bolt, against four, when chain and foot bolts are used.



Self-Latching Bolt on Door.

Operation: The contact of the latch at the top of the door with the strike throws the latch in a position whereby the bolt falls by gravity into the strike at the bottom of the door, and at the same time locks the latch at the top (see cuts 1 and 2) and also locks the lifting handle (see cut 4).

Each bolt has an adjustable telescopic rod which can be lengthened or shortened to the exact height of the door permitting an adjustment of 6½ in. and are regularly furnished suitable for doors measuring from 7 ft. 11½ in. to 8 ft. 6 in. in height (see cut 3).

Bolts can be fitted to doors less than 7 ft. 11½ in. in height by cutting off bottom of rod.

When the door is closed and locked in position, the act of lifting the handle automatically disengages the latch from the top strike, and the bolt from the bottom strike, and lifting the handle also holds the bottom bolt and the top latch in a retracted position until the latch again comes in contact with the strike.

Dead Black Finish

For Standing Leaf of Double Doors

For Right or Left Hand Reverse Bevel Doors, Opening Out

Adjustable Telescopic Rod

Number	Rod	End Case	Center Case	Weight, Each
1	½ in. Solid Steel	3¾ x 2½ in.	2⅛ x 2½ in.	7½ lbs.

One in a package, with screws, weight 9 lbs.

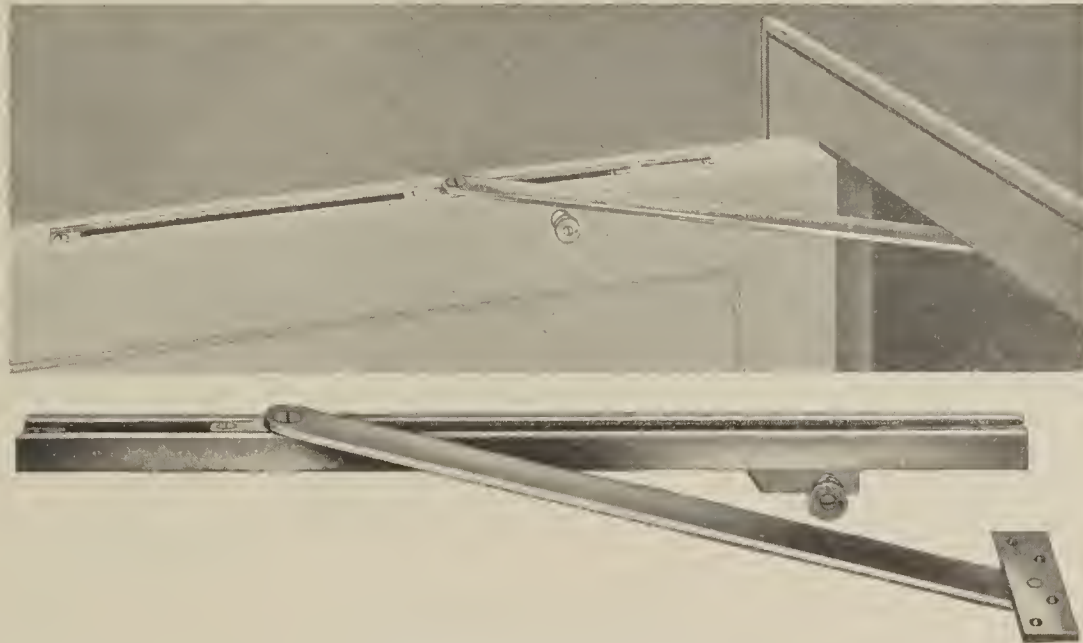
Eight bolts in a case, weight, 100 lbs.

POSITIVE GRIP Overhead Door Holders

CONCEALED TYPE
For Single and Double Acting Doors

- No. 700 For use with Butts
- No. 701 For use with Offset Pivots
- No. 702 For use with Center Hung Pivots Single Acting
- No. 703 For use with Center Hung Pivots Double Acting

Extruded Brass



PERTINENT FEATURES

The RUSSWIN No. 700 is a strong, sturdy, free-acting Door Holder with an automatically engaging and releasing hold open, shock absorber and manual holder-disengaging feature.

The track is of extruded brass, the arm is of hard drawn brass or bronze. The slide is of extruded brass. All holding parts are packed hardened against wear.

The enclosed shock absorber consists of a leather faced block working against a large spring. The disengaging mechanism, which makes the device non-holding, if desired, is operated by means of a neat knob extending slightly beyond the face of the door. The holding tension is adjustable.

The entire device requires a minimum amount of mortising.

SPECIFY THE FOLLOWING WHEN ORDERING

Type and Size of Butt or Pivot		Degree of Opening
Width and Thickness of Door	Finish	Hand of Door
Make and Number of Fire Exit Bolts, Flush Bolts and Door Closer		

DIMENSIONS

Track—Extruded Brass, 1 1/8 in. wide, 7/8 in. deep, 1/8 in. thick. Jamb Bracket—4 in. x 1 1/8 in.

Door Widths	Butts	Offset Pivots	Single Acting Center Hung Pivots	Double Acting Center Hung Pivots
24 to 25 1/2 in. Inclusive	700A	701A	702A	703A
26 to 28 1/2 in. Inclusive	700B	701B	702B	703B
29 to 33 1/2 in. Inclusive	700C	701C	702C	703C
34 to 37 1/2 in. Inclusive	700D	701D	702D	703D
38 to 42 1/2 in. Inclusive	700E	701E	702E	703E
43 to 48 in. Inclusive	700F	701F	702F	703F

One in a box, with screws.

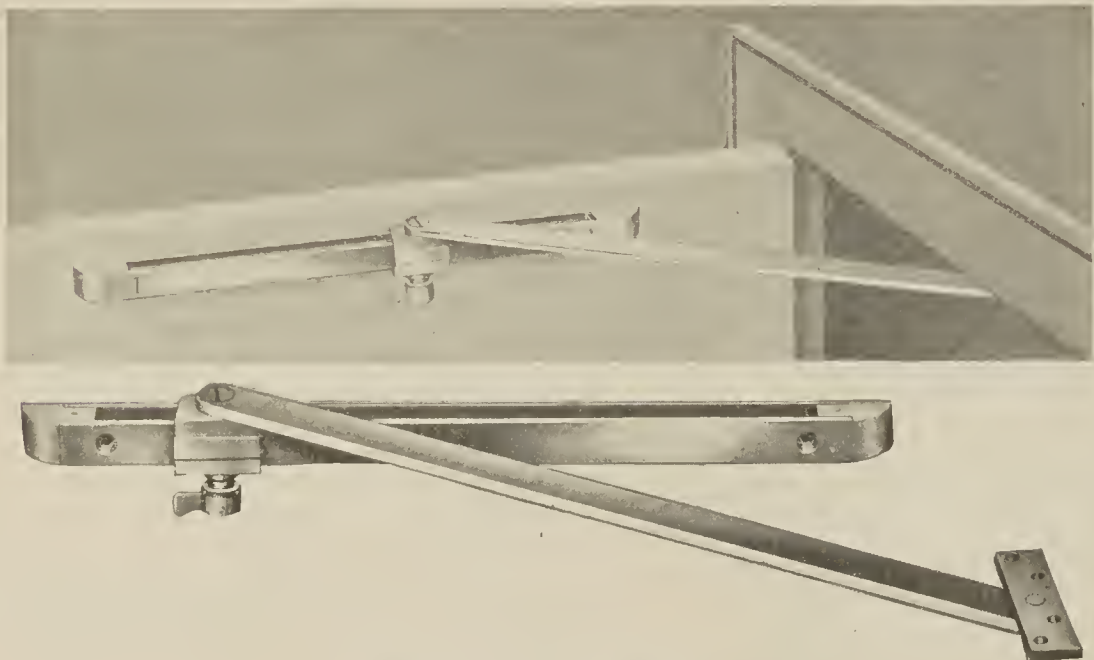
Finishes described on pages 16 to 18.

POSITIVE GRIP

Overhead Door Holders

HEAVY DUTY SURFACE TYPE
For Single Acting Doors

- No. 750 For use with Butts
 - No. 751 For use with Offset Pivots
 - No. 752 For use with Center Hung Pivots
- Extruded Brass



PERTINENT FEATURES

This is a neat, inconspicuous device mounted directly on the surface of the door slightly below the header. The track is of extruded brass, I Beam in section for maximum strength. The slide is of extruded brass and carries the holding mechanism which engages and disengages automatically. The arm is of hard drawn brass or bronze.

The disengaging mechanism, which makes the device non-holding, if desired, is carried by the slide and a quarter turn of the control lever in either direction renders the holding mechanism inoperative. The holding tension is adjustable.

SPECIFY THE FOLLOWING WHEN ORDERING

- Type and Size of Butt or Pivot
- Width and Thickness of Door
- Finish
- Degree of Opening
- Hand of Door
- Make and Number of Fire Exit Bolts, Flush Bolts and Door Closer

DIMENSIONS

Track—Extruded Brass, 1 3/32 in. wide, 1 1/16 in. deep
Jamb Bracket 3 5/8 in. x 1 in.
Projection 1 3/8 in.

Furnished Regularly with Through Bolts and Sex Nuts on Wood Doors

Door Widths	Butts	Offset Pivots	Single Acting Center Hung Pivots
28 to 29½ in. Inclusive	750A	751A	752A
30 to 31½ in. Inclusive	750B	751B	752B
32 to 35½ in. Inclusive	750C	751C	752C
36 to 39½ in. Inclusive	750D	751D	752D
40 to 43½ in. Inclusive	750E	751E	752E
44 to 48 in. Inclusive	750F	751F	752F

One in a box, with screws. Finishes described on Pages 16 to 18.

POSITIVE GRIP

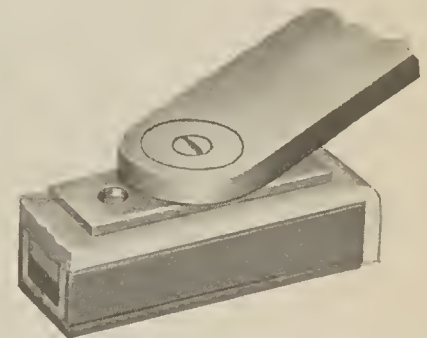
Overhead Friction Door Holders

CONCEALED TYPE

For Single and Double Acting Doors

- Nos. 600-610-620 For use with Butts
- Nos. 601-611-621 For use with Offset Pivots
- Nos. 602-612-622 For use with Center Hung Pivots Single Acting
- Nos. 603-613-623 For use with Center Hung Pivots Double Acting

Extruded Brass



Triple Grip Friction Slide
Nos. 600 to 603



Hold Open Feature
Nos. 610 to 613

PERTINENT FEATURES

RUSSWIN No. 600 CONCEALED FRICTION DOOR HOLDER

By means of an original and entirely new friction-applying method all three available inner surfaces of the track are utilized, providing more than twice the frictional area found in similar devices, ensuring increased life of all frictional parts and eliminating the necessity of frequent adjustments. The accessible adjusting screw works against a metal plate which compresses a synthetic rubber pad. The pad tends to "flow" evenly in all directions, transmitting the pressure to compressed asbestos friction linings which bear against the bottom and both side surfaces of the track.

RUSSWIN No. 610 CONCEALED FREE ACTING DOOR HOLDERS

This device uses the same track, arm and shock absorber as the No. 600 but has an extruded brass slide and a fixed holding mechanism which engages and releases automatically. Large holding surfaces make for long life and the holding parts are hardened against wear.

RUSSWIN No. 620 CONCEALED DOOR STAY

The Concealed Door Stay uses the same track, arm and shock absorber as the No. 600 but has no friction control or fixed holding mechanism.

SPECIFY THE FOLLOWING WHEN ORDERING

Type and Size of Butt or Pivot Degree of Opening Width and Thickness of Door Finish

DIMENSIONS

Track—Extruded Brass, 7/8 in. wide, 3/4 in. deep, 1/16 in. thick

Jamb Bracket 3 1/2 in. x 1 in.

CONCEALED THREE WAY FRICTION HOLDER

Door Widths	Butts	Single Acting Double Acting			Door Widths	Butts	Single Acting Double Acting		
		Offset Pivots	Center Hung Pivots	Center Hung Pivots			Offset Pivots	Center Hung Pivots	Center Hung Pivots
15 to 17 1/2 in. Incl.	600A	601A	602A	603A	30 to 35 1/2 in. Incl.	600D	601D	602D	603D
18 to 23 1/2 in. Incl.	600B	601B	602B	603B	36 to 41 1/2 in. Incl.	600E	601E	602E	603E
24 to 29 1/2 in. Incl.	600C	601C	602C	603C	42 to 48 in. Incl.	600F	601F	602F	603F

CONCEALED FREE ACTING HOLDER

Door Widths	Butts	Single Acting Double Acting			Door Widths	Butts	Single Acting Double Acting		
		Offset Pivots	Center Hung Pivots	Center Hung Pivots			Offset Pivots	Center Hung Pivots	Center Hung Pivots
15 to 17 1/2 in. Incl.	610A	611A	612A	613A	30 to 35 1/2 in. Incl.	610D	611D	612D	613D
18 to 23 1/2 in. Incl.	610B	611B	612B	613B	36 to 41 1/2 in. Incl.	610E	611E	612E	613E
24 to 29 1/2 in. Incl.	610C	611C	612C	613C	42 to 48 in. Incl.	610F	611F	612F	613F

CONCEALED DOOR STAY

Door Widths	Butts	Single Acting Double Acting			Door Widths	Butts	Single Acting Double Acting		
		Offset Pivots	Center Hung Pivots	Center Hung Pivots			Offset Pivots	Center Hung Pivots	Center Hung Pivots
15 to 17 1/2 in. Incl.	620A	621A	622A	623A	30 to 35 1/2 in. Incl.	620D	621D	622D	623D
18 to 23 1/2 in. Incl.	620B	621B	622B	623B	36 to 41 1/2 in. Incl.	620E	621E	622E	623E
24 to 29 1/2 in. Incl.	620C	621C	622C	623C	42 to 48 in. Incl.	620F	621F	622F	623F

For Government Type with Buffer each end prefix Letter G to above.

One in a box, with screws.

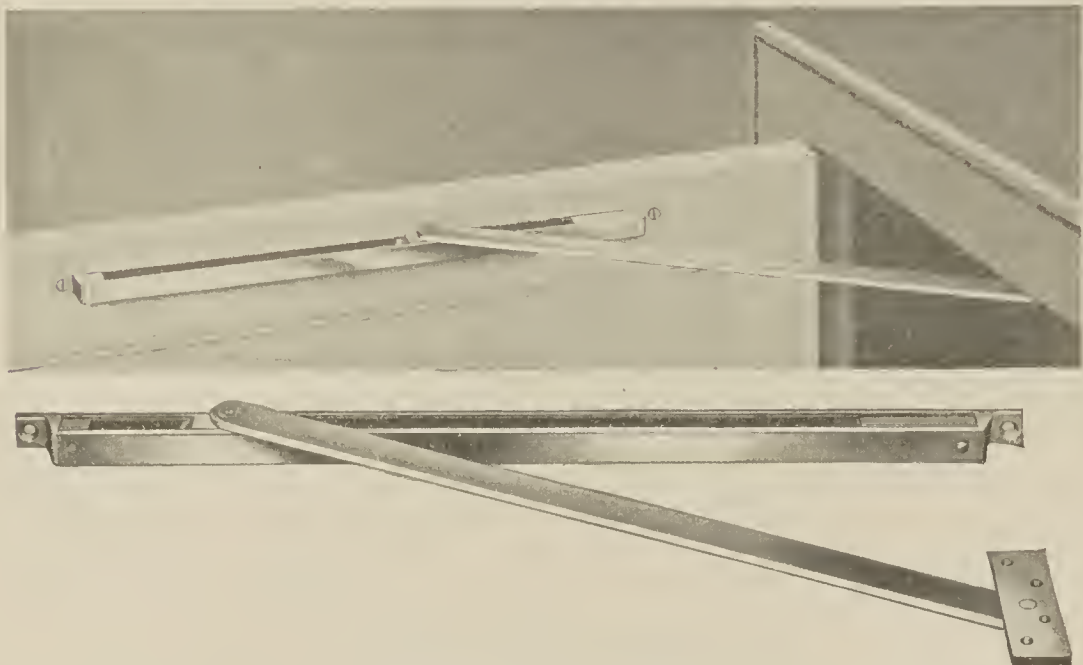
Finishes described on Pages 16 to 18.

POSITIVE GRIP

Overhead Friction Door Holders

LIGHT WEIGHT SURFACE TYPE
For Single Acting Doors and Windows

- No. 650 For use with Butts
 - No. 651 For use with Offset Pivots
 - No. 652 For use with Center Hung Pivots Single Acting
- Extruded Brass



PERTINENT FEATURES

By means of an original and entirely new friction-applying method all three available inner surfaces of the track are utilized, providing more than twice the frictional area found in similar devices, ensuring increased life of all frictional parts and eliminating the necessity of frequent adjustments. The accessible adjusting screw works against a metal plate which compresses a synthetic rubber pad. The pad tends to "flow" evenly in all directions, transmitting the pressure to compressed asbestos friction linings which bear against the bottom and both side surfaces of the track.

SPECIFY THE FOLLOWING WHEN ORDERING

- Type and Size of Butt or Pivot
- Width and Thickness of Door
- Finish
- Degree of Opening
Hand of Door

DIMENSIONS

Track—Extruded Brass, 7/8 in. wide, 3/4 in. deep, 1/16 in. thick.

Jamb Bracket 3 1/2 in. x 1 in.

Projection 7/8 in.

Door Widths	Butts	Offset Pivots	Single Acting Center Hung Pivots
17 to 19 1/2 in. Inclusive	650A	651A	652A
20 to 23 1/2 in. Inclusive	650B	651B	652B
24 to 29 1/2 in. Inclusive	650C	651C	652C
30 to 35 1/2 in. Inclusive	650D	651D	652D
36 to 41 1/2 in. Inclusive	650E	651E	652E
42 to 48 in. Inclusive	650F	651F	652F

One in a box, with Screws.

Finishes described on Pages 16 to 18.

RUSSWIN

Garage Door Hardware

Hinged Door Sets



Outside



Inside

Sets Nos. 1950, 1951, 1952

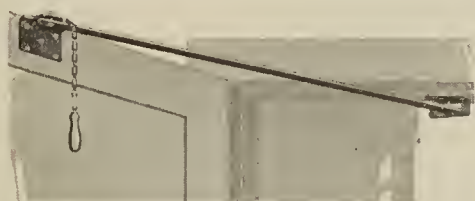
RUSSWIN Garage Door Sets are as near perfect as any similar equipment yet devised.

RUSSWIN Garage Door Locks are easily applied and afford the maximum security, as well as being adjustable and adaptable to any position the door may assume, due to the tendency of large doors to shrink and sag. They are also self-latching, making it unnecessary for the motorist to stop and lock the door by key.

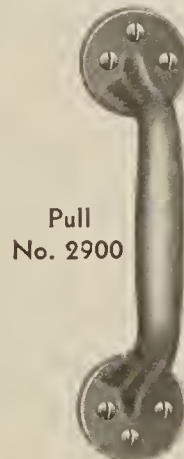
RUSSWIN Self-Latching Bolts secure the standing leaf of door at the top and bottom in one operation. Door can be released by merely lifting the handle.

RUSSWIN Hold Open Arms No. 3 have a patented shock absorber which takes all the strain off the door and hinges.

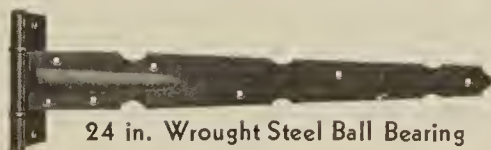
The Heavy Ball Bearing Hinges not only permit the doors to swing quietly and easily, but also brace and ornament the same.



Hold Open Arm No. 3

10 in. Wrought Steel
Ball BearingPull
No. 2900

Lock No. 200



24 in. Wrought Steel Ball Bearing



Bolt No. 1

Set No. 1950

- | | |
|--|---|
| 1 Only Russwin Garage Door Lock No. 200 | (See page 490) |
| 1 Only Russwin Garage Door Bolt No. 1 | (See page 492) |
| 1 Pair Russwin Garage Door Holders No. 3 | (See page 491) |
| 1/6 Doz. Russwin Garage Door Pulls No. 2900 | (See page 532) |
| *2 Pair Extra Heavy Wrought Steel
Ball Bearing Hinges, 24 in. Jap. | Furnished only
with these
combined sets |
| **1 Pair Extra Heavy Wrought Steel
Ball Bearing Hinges, 10 in. Jap. | |

Set No. 1951

Same as 1950, except H-O Arms No. 2 vs. No. 3

Set No. 1952

- | | |
|---------------------|--|
| 1 Only Lock No. 200 | 1 Pr. Holders (H-O Arms) No. 2 |
| 1 Only Bolt No. 1 | †3 Pr. Heavy T Hinges with Reverse Pad, 10 in. Japan |

*Length of strap 24 in., width 3 in.; length of pad 7 in., width 2 1/4 in.; offset 1 1/16 in.; throw 2 3/8 in.

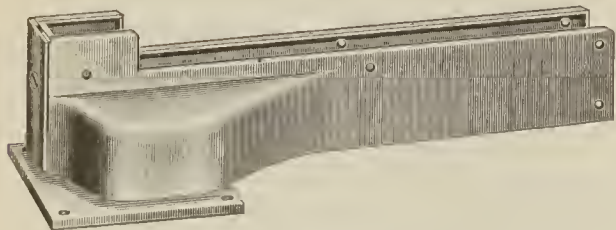
**Length of strap 10 in., width 3 in.; length of pad 7 in., width 2 1/4 in.; offset 1 1/16 in.; throw 2 3/8 in.

†Length of strap 10 in., width 3 1/2 in.; length of pad 7 in., width 2 1/4 in.

Each set complete in a case, with screws. Weights 1950 and 1951, about 50 lbs.; 1952 about 40 lbs.

Surface Floor Spring Hinges

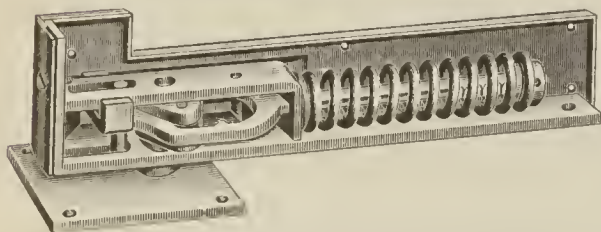
For Light Double-Acting Inside Doors



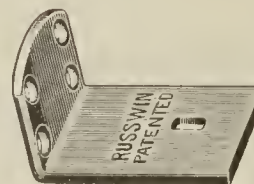
12, 12 1/2



Top Pivot



Side plate removed



Jamb Plate
For cement or tile floors

With Hold-Open Device

Regularly Furnished to Hold Door Open at an Angle of 90°

Cannot be furnished without hold-open feature.

Wrought steel frame, length 10 inches.

Wrought steel base plate, size 3 1/4 x 3 1/2 inches.

Cast iron top pivot. Adjustable spring tension.

Specify complete when jamb plate is wanted.

For Doors 1 1/8 to 1 3/4 Inches Thick

Number	Side Plates	Weight, Set
12 1/2	Wrought Brass or Bronze, Polished	3 1/2 lbs.
12	Wrought Steel, Plated	3 1/2 lbs.

One in a box, with screws.

Specify Number and Finish.

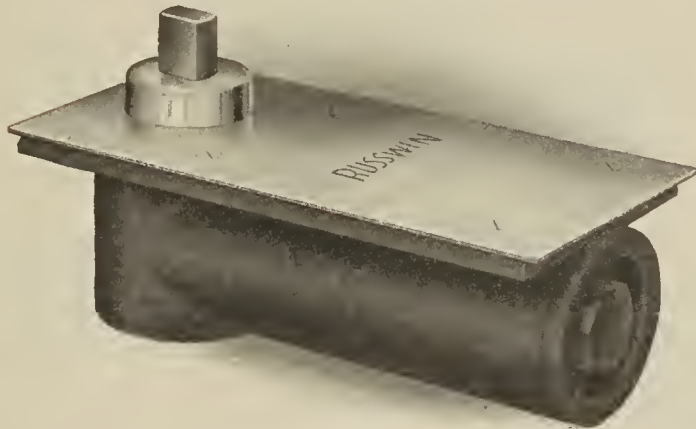
Finishes described on pages 16 to 18.

Ball-Bearing Checking Floor Hinges

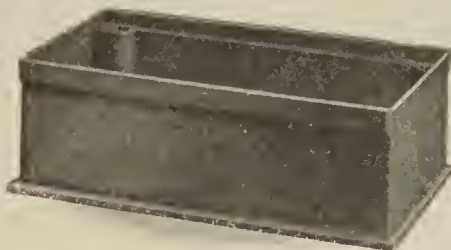
Patented

For Double Acting Interior Doors in Residences

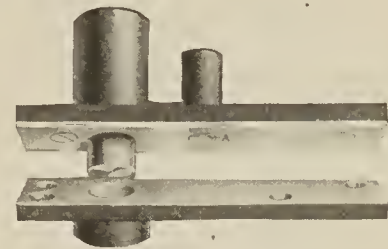
Light, Medium and Heavy Models



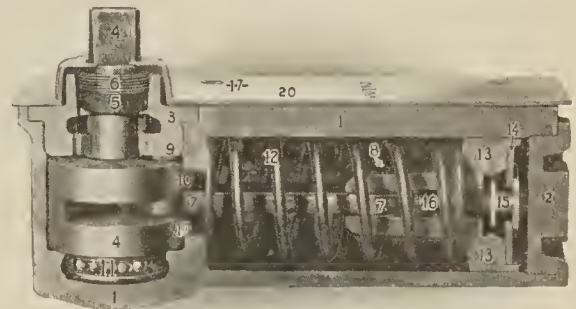
20 to 121



Floor Box



Walking Beam Pivot



Sectional View of 20

In case of accident or damage to a Russwin Checking Floor Hinge we strongly recommend that it be returned to us for repair instead of ordering new parts and attempting to have the work done by a mechanic. For this reason no list of parts, with numbers for ordering, is given.

These hinges afford the greatest resistance at the central point—when door is closed. The weight of the door is supported on a drop forged steel spindle, resting on ball-bearings in a case-hardened steel ball race.

Bronze walking-beam pivot, with steel pivot bolt. Malleable iron arm. Valve adjusting screw is flush with floor plate. All hinges have adjustment for centering the arm in the door.

For Doors Applied Flush with Floor or Threshold and Centered on the Jamb

For Inside Doors not Exceeding 2½ Feet in Width, 1¾ Inches Thick

Number	Description	Side Plates	Weight, Each
20	For Double Acting Doors	None	14 lbs.
120	For Double Acting Doors	Two	14¾ lbs.
For Inside Doors not Exceeding 3 Feet in Width, 1¾ Inches Thick			
21	For Double Acting Doors	None	14 lbs.
121	For Double Acting Doors	Two	15¼ lbs.

Size of Case: 20 to 121, 8⅞ x 4⅞ in., height 3⅞ in. Center of Spindle to back edge of door: 20 to 121, 1¾ in. Side Plates, 120, 121, wrought brass or bronze, 2½ x 6⅜ in. One set in box, with screws.

Floor Boxes

Number	Description	Weight, Each
B20	Cast Iron, Unfinished, for Hinges 20 to 121	4 lbs.

Floor Boxes packed separately.

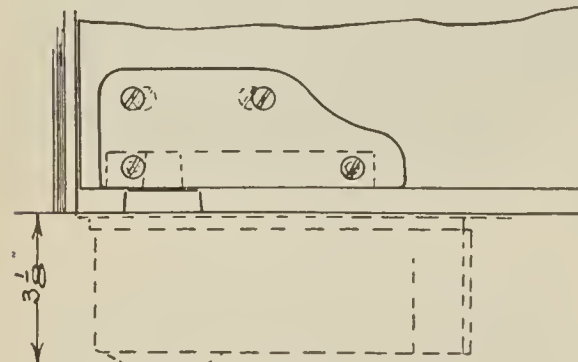
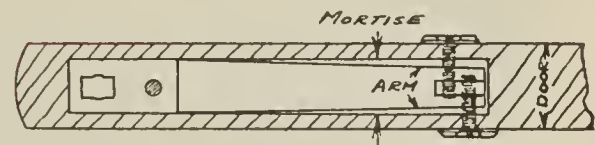
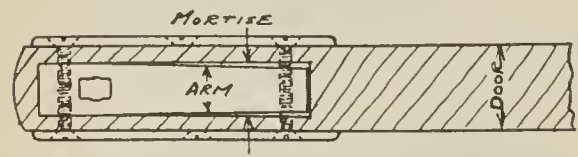
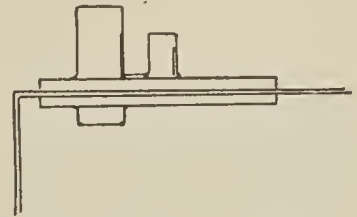
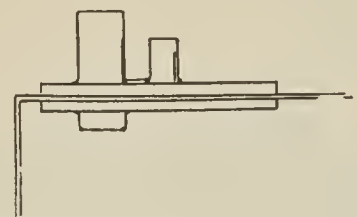
When two finishes are used, send sketch showing on which side finishes are to be applied.

Specify Number and Finish.

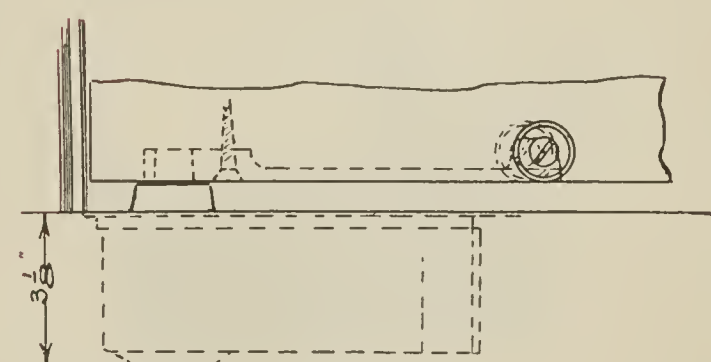
Details of application on following pages.

Finishes described on pages 16 to 18.

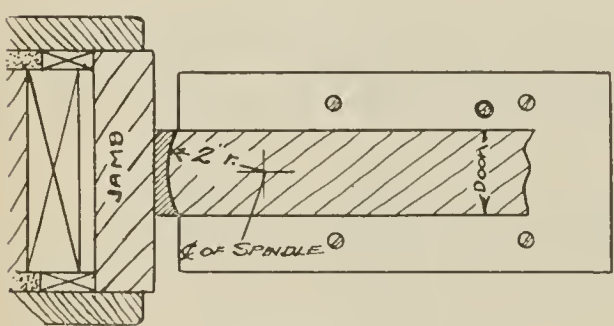
Details for Application of Checking Floor Hinges



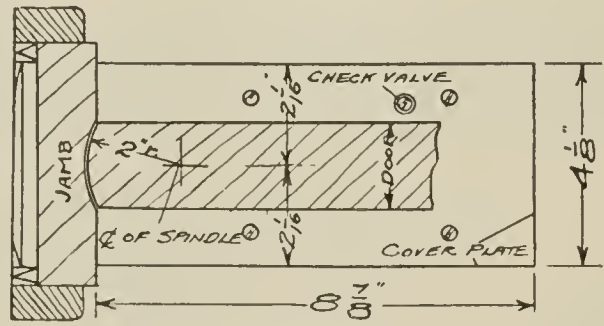
120, 121



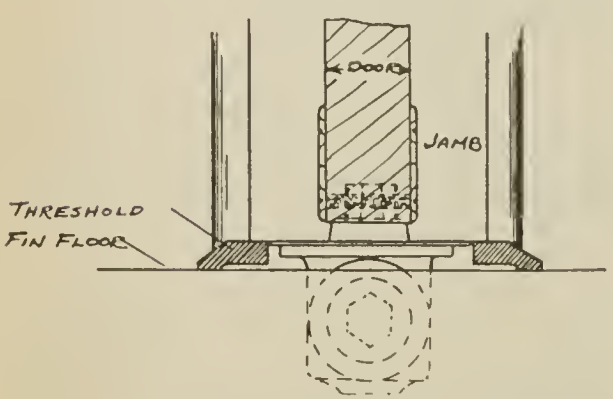
20, 21



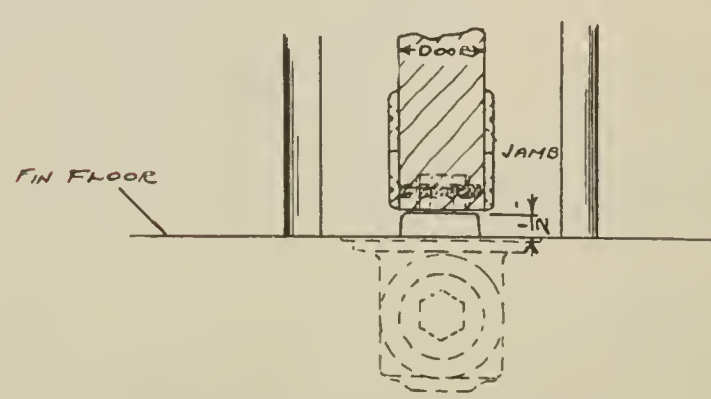
20 to 121
Application to Jamb with Hanging Strip



20 to 121
Application to Jamb without Hanging Strip



120, 121
As Applied Flush with Top of Threshold
Application of Nos. 20, 21 is the same, without
Side Plates



120, 121
As Applied without Threshold, Flush with Floor
Application of Nos. 20, 21 is the same, without
Side Plates

Lavatory Bolts

Cast Brass

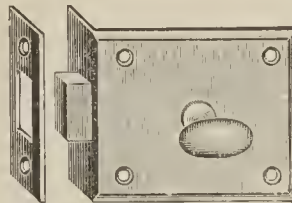
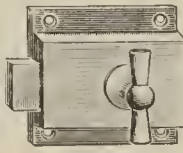
Illustrations One-quarter Size



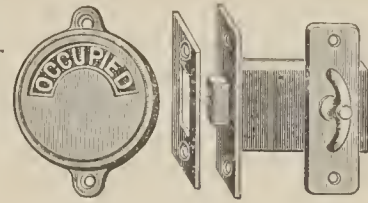
Rim
Strike



0155 with Indicator
Type of 0155½



1185



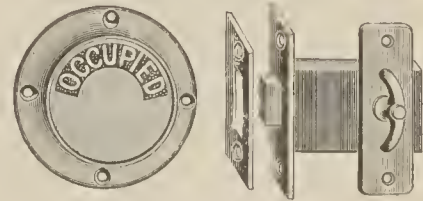
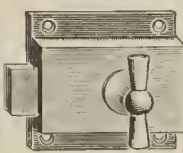
0166 with Indicator



Rim
Strike



0156 with Indicator
0256 without Indicator
Type of 0156½, 0256½



0165 with Indicator
0265 without Indicator

Mortise Bolts

Number	Japanned Case	Front	Backset	Indicator	Doors Open	Weight, Dozen
0165	1½ x 2½ x ½ in.	3⅛ x ⅞ in.	1⅞ in.	With Indicator	Out	12 lbs.
0166	1½ x 2½ x ½ in.	3⅛ x ⅞ in.	1⅞ in.	With Indicator	In or Out	11 lbs.
0265	1½ x 2½ x ½ in.	3 ⅓ x ⅞ in.	1⅞ in.	Without Indicator	In or Out	9 lbs.

Turn Knob Plate size 3 x 1 in. Turn Knob has Rubber Tip.

Rim Bolts

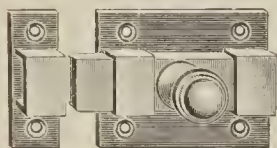
Number	Case	Backset	Strike	Indicator	Doors Open	Weight, Dozen
0155	2½ x 2⅝ in.	1⅝ in.	Mortise	With Indicator	In	13 lbs.
0155½	2½ x 2⅝ in.	1⅝ in.	Rim	With Indicator	In	12½ lbs.
0156	2½ x 2⅝ in.	1⅝ in.	Mortise	With Indicator	Out	13 lbs.
0156½	2½ x 2⅝ in.	1⅝ in.	Rim	With Indicator	Out	12½ lbs.
0256	2½ x 2⅝ in.	1⅝ in.	Mortise	Without Indicator	In or Out	8 lbs.
0256½	2½ x 2⅝ in.	1⅝ in.	Rim	Without Indicator	In or Out	8 lbs.
1185	3 x 3½ in. Selvedge ⅝ in.	1¾ in.	Mortise	—	In or Out	10 lbs.

For additional strikes suitable for use with these bolts, see page 499.
No. 1185 packed two in a box, all others six in a box, with screws.

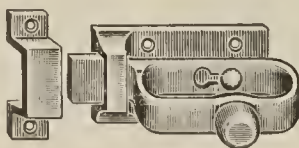
Lavatory Bolts

Cast Brass or Bronze

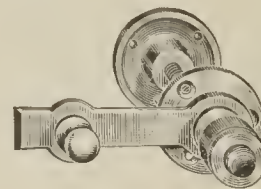
Illustrations One-quarter Size



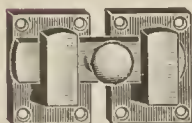
0158



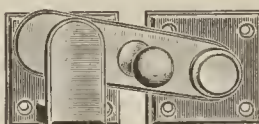
0159, 0159½



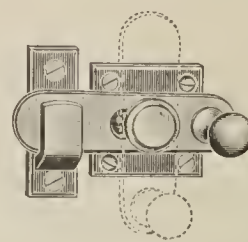
0179†



0171
Medium Weight



0172
Heavy Weight



0174
Left Hand, Opening In

Slide Bolts

Number	Description	Base	Strike	Weight, Each
0158	Extra Heavy	2½ x 3⅛ in.	2½ x 15/16 in.	1¼ lbs.
0159	With Rubber Bumper	3 x 1⅝ in.	2³/16 x ⅝ in.	½ lb.
0159½	Without Rubber Bumper	3 x 1⅝ in.	2³/16 x ⅝ in.	½ lb.

Latching Bolts

Reversible for right or left hand doors. Recommended for doors opening in only.

Number	Base	Strikes	Bar, Length	Weight, Dozen
0171	2 x 1½ in.	2 x 1½ in.	3¼ in.	6¾ lbs.
0172	2 x 2 in.	2 x 2 in.	4⁷/16 in.	10¾ lbs.
0174	1⅞ x 1⅞ in.	2⁵/8 x ⅞ in.	4 in.	8¾ lbs.
0179†	2 in.		3½ in.	9 lbs.

One half dozen in a box, with screws.

Specify Number and Finish.

Finishes described on pages 16 to 18.

†Government Type No. 4302 with Rubber Bumper. Adjustable for Doors 1⅞ to 1¾ inches.

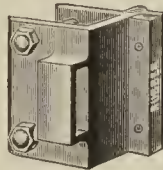
Lavatory Strikes or Bumpers

Cast Brass

Illustrations One-quarter Size



5



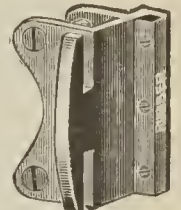
8

Not Adjustable



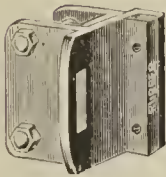
12

Not Adjustable



12 1/2

Not Adjustable



21

Adjustable



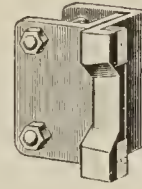
22

Adjustable



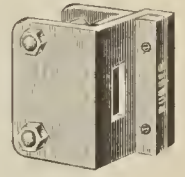
22 1/2

Adjustable



23

Adjustable



24

Type of 24B Adjustable

Nos. 21 to 24B inclusive, are suitable for marble or slate partitions of the following thicknesses: 1 1/8 inch, 1 1/4 inch, 1 1/2 inch, 2 inch, and are adjustable 1/8 inch under and 1/8 inch over given size of marble or slate.

IMPORTANT INSTRUCTIONS FOR ORDERING

When ordering, give number of bolt with which strike is to be used, also thickness of door and thickness of jamb.

When strikes are ordered for doors opening in or out, they are furnished for doors and marble being flush inside, except Strike No. 24 which allows for door to be flush on inside when they open in, and flush on the outside when they open out.

*Door and marble same thickness, when thickness of door is less than thickness of marble, use Bolt No. 0165 or 0166 x strike No. 24.

Number	For Doors Opening	For Bolts
5	In or Out	
8	In— Marble and Door Flush Inside	No. 0158
12	Out—Marble and Door Flush Inside*	Nos. 0171-0172-0174
12 1/2	In— Marble and Door Flush Inside	Nos. 0171-0172-0174
21	In— Marble and Door Flush Inside	No. 0155
22	Out—Marble and Door Flush Inside*	Nos. 0171-0172-0174
22 1/2	In— Marble and Door Flush Inside	Nos. 0171-0172-0174
23	Out—Marble and Door Flush Inside*	Nos. 0156-0256
24	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> { In— Marble and Door Flush Inside or Out—Marble and Door Flush Outside } </div> </div>	Nos. 0165-0166-0265-1185
24B (Blank)	In or Out	

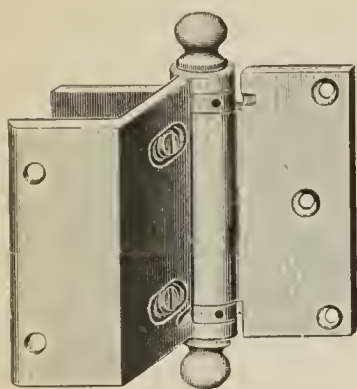
Hand of door should be taken from outside. Specify right hand, opens in; right hand, opens out; left hand, opens in, or left hand, opens out.

No. 5, packed with flat head screws.

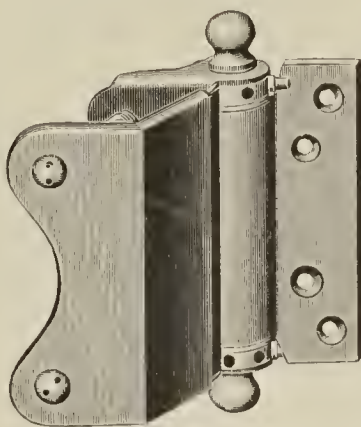
Nos. 12, 12 1/2, 22 and 22 1/2, packed with flat head screws and hexagon cap nuts, all others with hexagon head bolts and nuts.

Lavatory Hinges

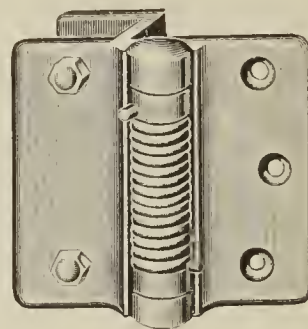
Illustrations One-third Size



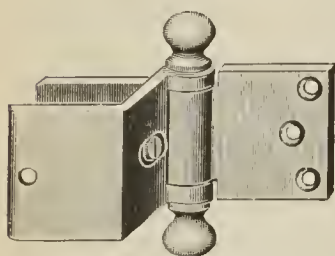
346, Type of 347



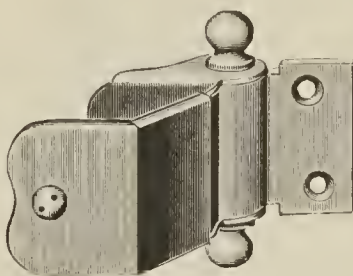
446 Wrought



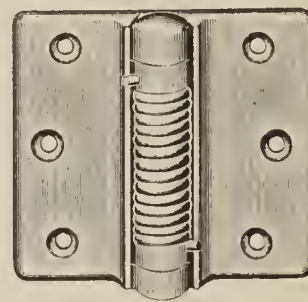
356



346B, Type of 347B



446B Wrought



351, 352

Single Action Hinges for right or left hand doors opening in or out. Regularly made to close the door.
Nos. 346, 347 and 446 have springs which can be reversed to hold door open.

Adjustable Spring Hinges

Number	Length, Flanges	Description	Weight
Adjustable Clamp Flanges for various thicknesses of marble as follows: $\frac{7}{8}$ to $1\frac{1}{4}$ in.; $1\frac{1}{8}$ to $1\frac{1}{2}$ in.; $1\frac{3}{8}$ to $1\frac{3}{4}$ in.; $1\frac{3}{4}$ to $2\frac{1}{4}$ in.			
346	$3\frac{1}{2}$ in.	Hinge, Cast Brass, Nickel Plated (with spring)	$3\frac{1}{4}$ lbs. pair
346B	$1\frac{3}{4}$ in.	Hinge, Cast Brass, Nickel Plated (without spring)	$1\frac{3}{4}$ lbs. pair
346x346B	$3\frac{1}{2}$ - $1\frac{3}{4}$ in.	Hinge, Cast Brass, Nickel Plated	$2\frac{5}{8}$ lbs. set

Specify size adjustment desired (thickness of door and marble or slate).

Adjustable Clamp Flanges

Can be used for either right or left hand doors opening in or out.

These Hinges are suitable for marble or slate partitions of the following thicknesses:

1 inch $1\frac{1}{4}$ inches $1\frac{5}{8}$ inches 2 inches
The Clamp Flange for the marble is adjustable $\frac{1}{8}$ inch over and under above sizes to allow for variations in thickness.

446	4 in.	Hinge, Wrought Brass, Nickel Plated (with spring)	3 lbs. pair
446B	2 in.	Hinge, Wrought Brass, Nickel Plated (without spring)	$1\frac{3}{4}$ lbs. pair
446x446B	4-2 in.	Hinge, Wrought Brass, Nickel Plated	$2\frac{1}{4}$ lbs. set

Specify thickness of door and marble or slate.

With Solid Clamp Flanges, Not Adjustable

347	$3\frac{1}{2}$ in.	Hinge, Cast Brass, Nickel Plated	3 lbs. pair
347B	$1\frac{3}{4}$ in.	Hinge, Cast Brass, Nickel Plated	$1\frac{3}{4}$ lbs. pair
347x347B	$3\frac{1}{2}$ - $1\frac{3}{4}$ in.	Set, Cast Brass, Nickel Plated	$2\frac{1}{2}$ lbs. set

Specify exact thickness of door and marble or slate.

Clamp Hinges with Springs, Not Adjustable

Specify exact thickness of door and marble or slate.

356	$3\frac{1}{2}$ in.	Cast Brass, Nickel Plated	$2\frac{1}{4}$ lbs. pair
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Can be furnished reverse action, to hold door open.

Surface Hinges

Cast Brass, Nickel Plated

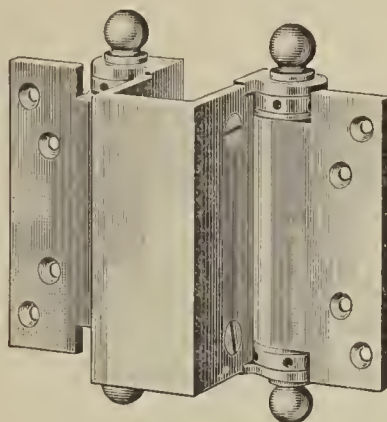
351	$3\frac{1}{2}$ in.	With wood screws for both leaves	$1\frac{3}{8}$ lbs. pair
352	$3\frac{1}{2}$ in.	With wood screws for one leaf, bolts for other	$1\frac{1}{4}$ lbs. pair

Specify thickness of door.

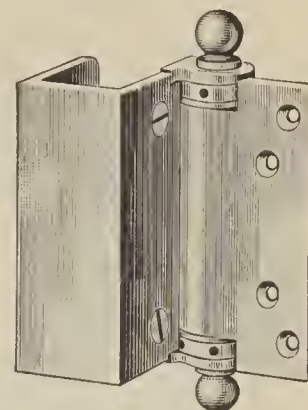
One pair, or set, in a box, with screws and bolts.

Lavatory Spring Hinges

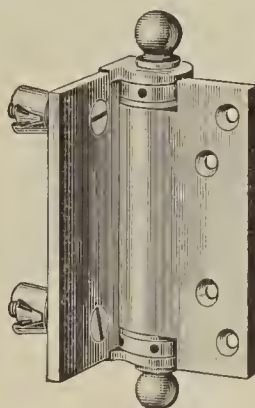
Illustrations One-third Size



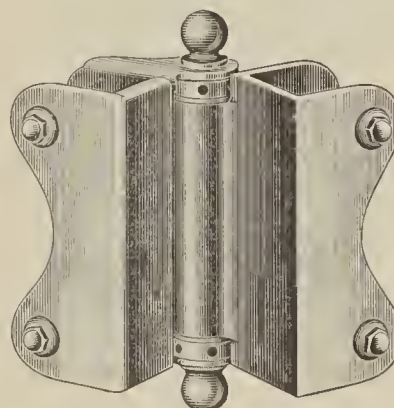
484



486



489



492 Type of 498

Regularly made to close the door, but with springs which can be reversed to hold door open.

Number	Length, Flanges	Description	Weight, Pair
For Two Doors, one Right Hand and One Left Hand Opening In and Hung to the same partition on One Clamp Flange. Clamp Flange Non-Adjustable			
484	4 in.	Hinge, Cast Bronze, Polished.....	6 lbs.
For Right or Left Hand Doors Opening In. Marble Clamp Flange Non-Adjustable.			
486	4 in.	Hinge, Cast Bronze, Polished	4 lbs.
For Right or Left Hand Doors Opening In or Out. With Wall Flange for attaching to Wall in End Stalls where Clamp Flange cannot be used.			
489	4 in.	Hinge, Cast Bronze, Polished.....	3 lbs.
For Right or Left Hand Doors Opening In or Out for Partitions which have Hanging Stiles. Door Clamp Flange Non-Adjustable. Marble Clamp Flange Adjustable.			
492†	4 in.	Hinge, Cast Bronze, Polished.....	4¼ lbs.
498	4 in.	Hinge, Wrought Bronze, Polished	4¼ lbs.
Adjustable Clamp Flanges Adjustable ⅛ in. either way for variations in Thickness of Marble. Furnished for Marble 1, 1¼, 1⅝ or 2 in. Thick.			

†Adjustable Flange Wrought Bronze.

Specify number, finish and thickness of Marble.

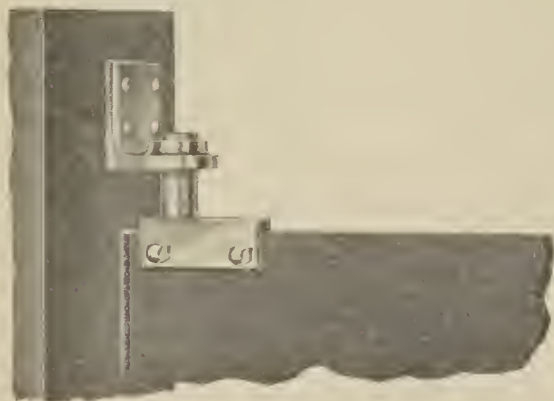
One pair, or set, in a box, with screws and bolts.

Finishes described on pages 16 to 18.

Gravity Pivot Hinges

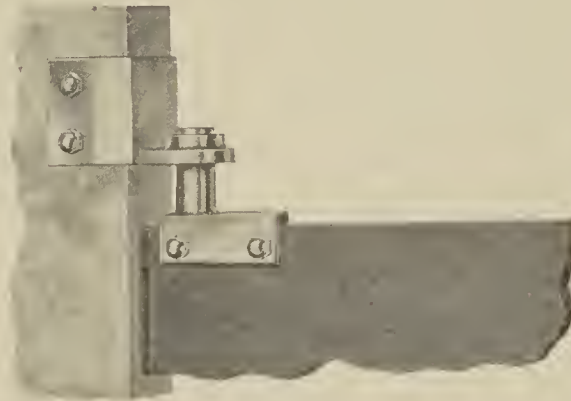
For Single or Double Acting Right or Left Hand Lavatory Doors

Cast Brass or Bronze



500

For Surface Application on Wood or Metal Frontals with Not Less than $1\frac{3}{8}$ in. Hanging Stile.



501

With Clamp Bracket for use on Marble, Slate or Glass Frontals.

Furnished only for Center Hung Doors Lower than height of Frontal.

Cannot be furnished for Doors same height as Frontal.

Adjustable Alignment: The Adjustable Cam permits aligning and setting the door to any desired Close or Hold Open position after Door is Hung.

Furnished only for Door and Frontal Thickness as listed.

Number	Frontal Thickness		Door Thickness					
500	Not less than $1\frac{3}{8}$ in.	$\frac{3}{4}$ in.	1 in.	$1\frac{1}{8}$ in.	$1\frac{1}{4}$ in.	$1\frac{3}{8}$ in.	$1\frac{1}{2}$ in.	$1\frac{3}{4}$ in.

Frontal Bracket furnished with Wood or Machine Screws; Door Clip furnished with Through Bolts.

Number	Frontal Thickness		Door Thickness						
501	1 in.	$\frac{3}{4}$ in.	1 in.						
	$1\frac{1}{8}$ in.	$\frac{3}{4}$ in.	1 in.	$1\frac{1}{8}$ in.					
	$1\frac{1}{4}$ in.	$\frac{3}{4}$ in.	1 in.	$1\frac{1}{8}$ in.	$1\frac{1}{4}$ in.				
	$1\frac{3}{8}$ in.	$\frac{3}{4}$ in.	1 in.	$1\frac{1}{8}$ in.	$1\frac{1}{4}$ in.	$1\frac{3}{8}$ in.			
	$1\frac{1}{2}$ in.	$\frac{3}{4}$ in.	1 in.	$1\frac{1}{8}$ in.	$1\frac{1}{4}$ in.	$1\frac{3}{8}$ in.	$1\frac{1}{2}$ in.		
	$1\frac{3}{4}$ in.	$\frac{3}{4}$ in.	1 in.	$1\frac{1}{8}$ in.	$1\frac{1}{4}$ in.	$1\frac{3}{8}$ in.	$1\frac{1}{2}$ in.	$1\frac{3}{4}$ in.	

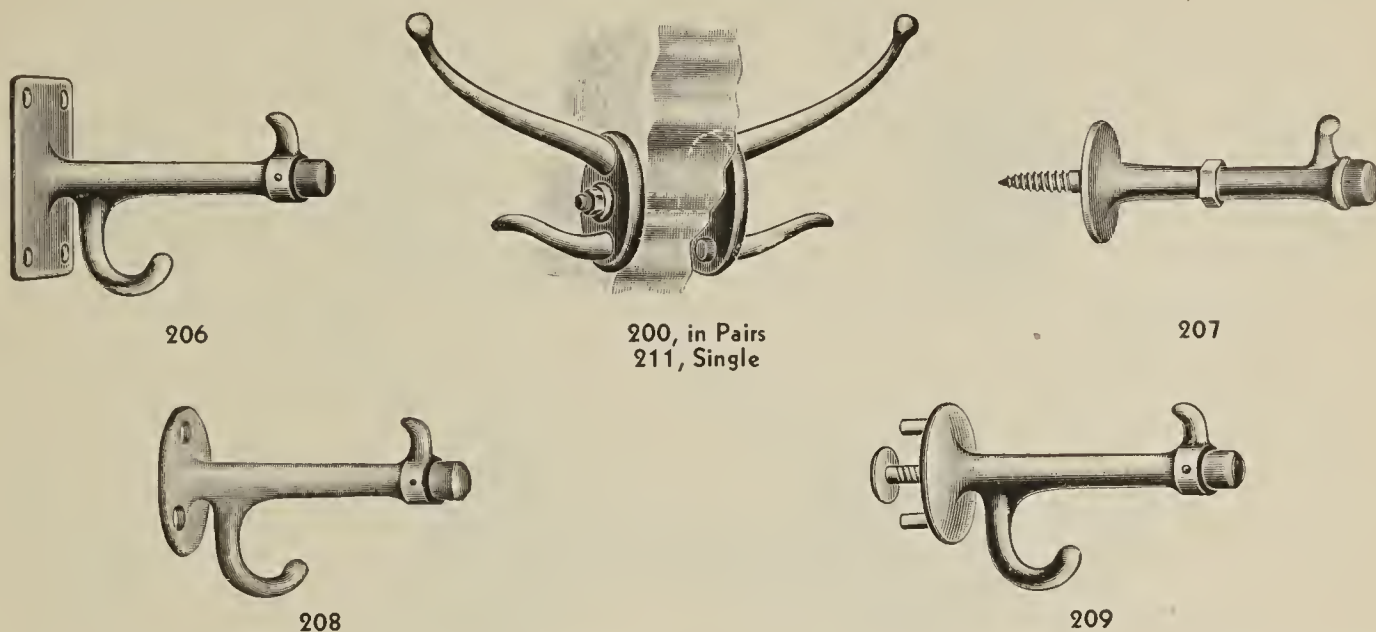
Frontal Flange and Door Clip furnished with Through Bolts.

Specify Thickness of Door and Frontal.

One Set in a Box with Screws or Bolts.

Lavatory Coat Hooks and Bumpers

Illustrations One-half Size

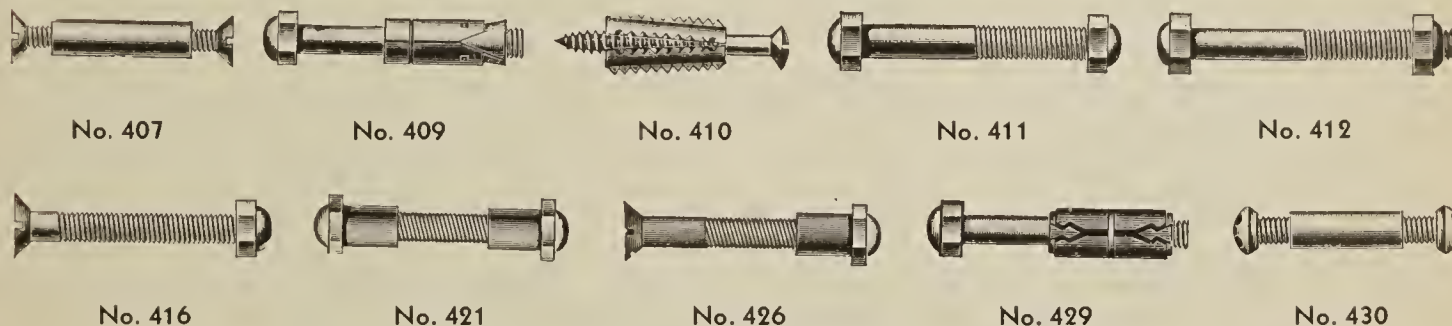


Number	Projection	Base	Description	Weight, Dozen
200†	4 in.	2½ x 1⅝ in.	Cast Brass or Bronze, with one bolt	10¼ lbs.
211†	4 in.	2½ x 1⅝ in.	Cast Brass or Bronze, with one bolt	5⅝ lbs.
206	4⅛ in.	3 x 2 in.	Cast Brass or Bronze	5 lbs.
207	4 in.	1⅝ in.	Cast Brass or Bronze	3⅞ lbs.
208	4⅛ in.	2 in.	Cast Brass or Bronze	5⅛ lbs.
209	4⅛ in.	1⅞ in.	Cast Brass or Bronze	8½ lbs.

†Specify thickness of marble. No. 200 packed two in a box, other numbers six in a box, all with screws.
For other Hooks, see page 503. For other Bumpers, see pages 499, 541 to 544.

Screws, Bolts and Nuts

For Lavatory Hardware



The regular length of these bolts is 2 inches. The cuts are one-half actual size, which shows how the measurements are taken.
Other lengths will be furnished, when so ordered.

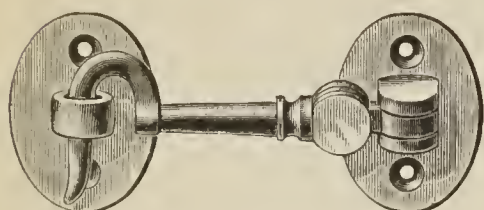
Number	Diameter	Description	Number	Diameter	Description
407*	⅝ in.	Brass, Nickel Plated	416	⅛ in.	Brass, Nickel Plated
409	¼ in.	Brass, Nickel Plated	421*	¼ in.	Brass, Nickel Plated
410	¼ in.	Brass, Nickel Plated	426	¼ in.	Brass, Nickel Plated
411	¼ in.	Brass, Nickel Plated	429	¼ in.	Brass, Nickel Plated
412	¼ in.	Brass, Nickel Plated	430*	⅝ in.	Brass, Nickel Plated

Lead Expansion Shields for small screws, and Iron Expansion Shields for large screws furnished to order.

*Specify exact thickness of marble or slate when ordering Bolts Nos. 407, 421 and 430.

Cabin Door Hooks

Illustrations One-half Size



0



2, 2 1/2



25

Cabin Door Hooks

No. 0†—Heavy Jointed Cast Brass Hook
and Plates, Polished

Nos. 2*, 2 1/2†—Cast Brass Hooks
Wrought Brass Plates

Plates	Size	Weight, Dozen	Plates	Size	Weight, Dozen
1 1/2 x 7/8 in.	2 1/2 in.	4 1/2 lbs.	1 1/2 x 1 in.	2 1/2 in.	1 1/2 lbs.
1 1/2 x 7/8 in.	3 1/2 in.	5 lbs.	1 1/2 x 1 in.	3 in.	1 1/2 lbs.
1 3/4 x 1 3/8 in.	5 in.	5 1/2 lbs.	1 1/2 x 1 in.	4 in.	1 7/8 lbs.
1 3/4 x 1 3/8 in.	6 in.	5 3/4 lbs.			
1 3/4 x 1 3/8 in.	8 in.	6 1/4 lbs.			
1 3/4 x 1 3/8 in.	12 in.	8 lbs.			

One dozen in box, with screws.

†To Navy Specification No. 42H5A.

Two dozen in a box, with screws.

*Unpolished. †Polished.

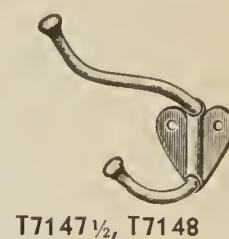
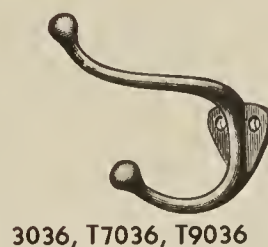
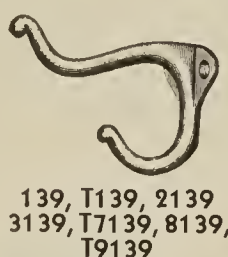
No. 25—Extra Heavy Cast Bronze Hook
and Plates, Polished

Plates	Size	Weight, Dozen
1 3/4 x 1 3/8 in.	4 in.	5 1/4 lbs.
1 3/4 x 1 3/8 in.	5 in.	5 3/4 lbs.
1 3/4 x 1 3/8 in.	6 in.	6 5/8 lbs.
1 3/4 x 1 3/8 in.	8 in.	7 3/4 lbs.
1 3/4 x 1 3/8 in.	10 in.	9 1/4 lbs.

One dozen in a box, with screws.

Coat and Hat Hooks

Illustrations One-quarter Size



Number	Description	Projection	Base	Weight, Dozen
037	Cast Brass or Bronze, Polished	3 1/4 in.	1 5/8 x 1 1/2 in.	3 1/8 lbs.
053	Cast Brass or Bronze, Polished	2 in.	1 1/2 x 1 1/2 in.	3 1/8 lbs.
054	Cast Brass or Bronze, Polished	2 3/4 in.	1 3/4 x 1 5/8 in.	5 lbs.
055	Cast Brass or Bronze, Polished	2 1/4 in.	1 x 1 in.	1 3/4 lbs.
139	Cast Brass or Bronze, Polished	3 1/4 in.	1 3/4 x 1 3/8 in.	2 lbs.
T139	Cast Brass or Bronze	3 1/4 in.	1 3/4 x 1 3/8 in.	2 1/8 lbs.
0160	Cast Brass or Bronze, Polished	4 in.	2 1/2 x 1 5/8 in.	7 1/4 lbs.
2060	Cast Iron, Japanned	2 3/4 in.	1 3/4 x 1 1/2 in.	2 1/2 lbs.
2070	Cast Iron, Japanned	2 3/4 in.	1 3/8 x 1 1/2 in.	3 3/8 lbs.
2139	Cast Iron, Japanned	3 1/4 in.	1 3/4 x 1 3/8 in.	1 5/8 lbs.
3139	Cast Iron, White Enamel	3 1/4 in.	1 3/4 x 1 3/8 in.	1 3/4 lbs.
3036	Cast Iron, White Enamel	3 in.	1 1/2 x 1 1/8 in.	2 3/4 lbs.
T7036	Cast Iron, Plated	3 in.	1 1/2 x 1 1/8 in.	2 3/4 lbs.
T7139	Cast Iron, Plated	3 1/4 in.	1 3/4 x 1 3/8 in.	1 5/8 lbs.
T7147 1/2	Wrought Steel, Plated	3 1/2 in.	1 1/2 x 1 1/2 in.	1 5/8 lbs.
T7148	Wrought Steel, Plated	4 in.	1 3/4 x 1 5/8 in.	2 5/8 lbs.
T7160	Cast Iron, Plated	4 in.	2 1/2 x 1 5/8 in.	6 5/8 lbs.
8139	Cast Iron, Kahala Finish	3 1/4 in.	1 3/4 x 1 3/8 in.	1 3/4 lbs.
T9139	Cast Iron, Coppered	3 1/4 in.	1 3/4 x 1 3/8 in.	1 3/4 lbs.

All numbers, including Japanned, packed with screws.

For other hooks, see pages 434 and 501.

Nos. 037 to T139, one dozen; others, one-sixth gross in a box, with screws.

Nos. 037, 139, T139, 2139, T7036, T7139, 8139, T9139, one gross in a fibre container.

Specify Number and Finish. Finishes described on pages 16 to 18.

Hooks, Holders

Illustrations One-quarter Size



0256 to T07256



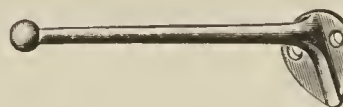
129



155 to T7155



163



0169

Ceiling Hooks

Number	Projection	Description	Weight, Dozen
0256	2½ in.	Cast Brass or Bronze	2 lbs.
02256	2½ in.	Cast Iron, Japanned	1½ lbs.
T07256	2½ in.	Cast Iron	1½ lbs.

Robe Hooks

129	1¾ in.	Cast Brass or Bronze	1⅝ lbs.
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Towel Hooks

163	5¾ in.	Cast Brass or Bronze	2¼ lbs.
0169	4¼ in.	Cast Brass or Bronze	2¼ lbs.

Umbrella Clips or Holders

155	3¼ in.	Cast Brass or Bronze	3¾ lbs.
2155	3¼ in.	Cast Iron, Japanned	4⅜ lbs.
T7155	3¼ in.	Cast Iron	4⅜ lbs.

Nos. 02256, T07256, one-sixth gross; other numbers, one dozen in a box.

All numbers, including Japanned, packed with screws.

Specify Number and Finish.

For other hooks, see pages 434 and 501.

Finishes described on pages 16 to 18.

ADJUSTABLE TENSION

Automatic Door Holders

FOR FLOOR AND WALL

No. 220 Line, Holder on Door, Strike on Wall
No. 222 Line, Holder on Door, Strike on Floor

Brass or Bronze



220 Line

222 Line

PERTINENT FEATURES

The RUSSWIN 220 and 222 Line of Door Holder engages and disengages automatically. They are so designed as to give maximum holding with minimum spring tension.

An exclusive feature is that the spring tension is adjustable to suit varying door widths and weights. The proper holding tension may be obtained without undue strain on the door.

The holding roller and pin are of special tough bronze. Screw anchorage is provided immediately below the holding point.

SPECIFY THE FOLLOWING WHEN ORDERING

Finish Floor Clearance No. 222 to 227½ Wall Clearance No. 220 to 220½

DIMENSIONS

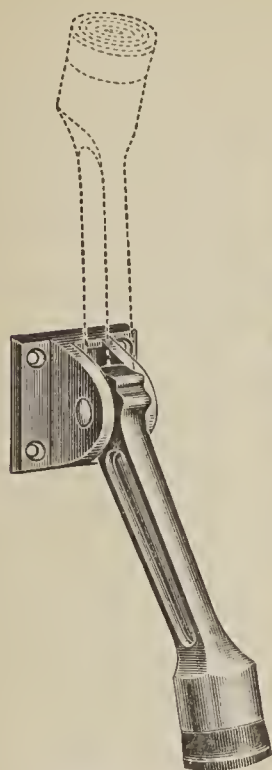
Holder	3 ¹¹ / ₁₆ in. high	2 in. wide	1 ¹¹ / ₁₆ in. Projection
Wall Strike	2 ¹ / ₄ in. high	1 ¹ / ₄ in. wide	2 ¹ / ₈ in. Extension
Floor Strike	4 in. high	2 ⁷ / ₁₆ in. wide	1 ¹³ / ₁₆ in. Extension

Clearance	Number	Application
Wall Clearance		
2½ in.	220	Holder is placed on Door, Strike on Wall
2½ in.	220½	Holder is placed on Door, Strike on Wall x Expansion Shield
Floor Clearance		
Up to ¾ in.	222	Holder is placed on Door, Strike on Floor
Up to ¾ in.	222½	Holder is placed on Door, Strike on Floor x Expansion Shield
Up to 1 in.	223	Holder is placed on Door, Strike on Floor
Up to 1 in.	223½	Holder is placed on Door, Strike on Floor x Expansion Shield
Up to 1¼ in.	224	Holder is placed on Door, Strike on Floor
Up to 1¼ in.	224½	Holder is placed on Door, Strike on Floor x Expansion Shield
Up to 1½ in.	225	Holder is placed on Door, Strike on Floor
Up to 1½ in.	225½	Holder is placed on Door, Strike on Floor x Expansion Shield
Up to 1¾ in.	226	Holder is placed on Door, Strike on Floor
Up to 1¾ in.	226½	Holder is placed on Door, Strike on Floor x Expansion Shield
Up to 2 in.	227	Holder is placed on Door, Strike on Floor
Up to 2 in.	227½	Holder is placed on Door, Strike on Floor x Expansion Shield

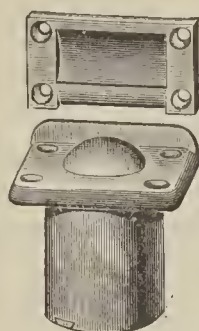
One in a box, with Screws.

Finishes described on Pages 16 to 18.

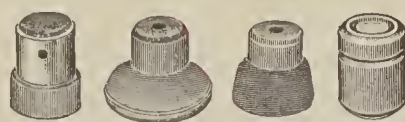
Door Holders



AR284, AR7284
Type AR284½, to
AR7285½



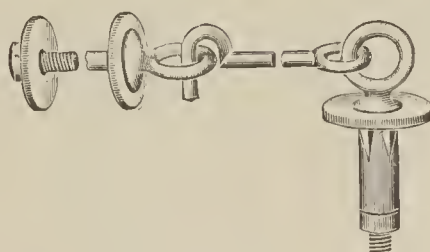
215, 7215



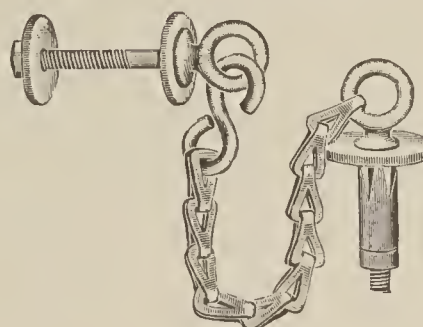
1 2 3 4
Furnished for Repairs only.



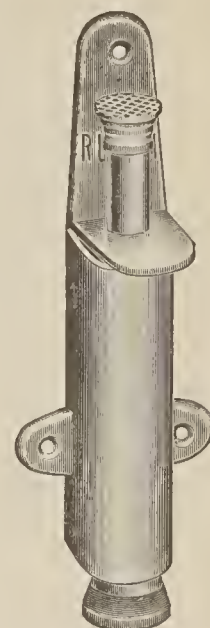
5
Armored Rubber Tip
Foot and Foot Bolt
Types have Armored
Rubber Tips. Rubber
is moulded to thread-
ed Brass Ferrule.



278



279



AR280, ART7280
Type of AR270,
AR272, ART7270

Ball and Socket, Friction Type

Number	Size	Dia. of Case	Depth of Case	Plate	Weight, Dozen
215	2¼ x 2¼ in.	1½ in.	1⅓ in.	Cast Brass or Bronze	15 lbs.
7215	2¼ x 2¼ in.	1½ in.	1⅓ in.	Cast Iron	14¾ lbs.

One-third dozen in a box, with screws.

Cast Iron Boxes for applying in cement or tile floors, furnished when so ordered.

Foot Bolt Type

Furnished Regular with Armored Rubber Tip No. 5

Number	Size	Plunger Throw	Plate	Weight, Dozen
AR270	6¾ x 2⅝ in.	1⅛ in.	Cast Brass or Bronze	14¾ lbs.
ART7270	6¾ x 2⅝ in.	1⅛ in.	Cast Iron	15 lbs.
AR272	9⅝ x 2⅝ in.	1⅝ in.	Cast Brass or Bronze	24 lbs.
AR280	7¼ x 2½ in.	1⅛ in.	Wrought Brass or Bronze, Polished	9¼ lbs.
ART7280	7¼ x 2½ in.	1⅛ in.	Wrought Steel	11½ lbs.

Quarter dozen in a box, with screws.

Foot Type

Furnished Regular with Armored Rubber Tip No. 5

Number	Size	Description	Weight, Dozen
AR284	4 in.	Cast Brass or Bronze	7½ lbs.
AR284½	4 in.	Cast Brass or Bronze, Semi-Polished	7½ lbs.
AR285	5 in.	Cast Brass or Bronze	8¼ lbs.
AR285½	5 in.	Cast Brass or Bronze, Semi-Polished	8¼ lbs.
AR7284½	4 in.	Cast Iron, Semi-Polished	7¾ lbs.
AR7285½	5 in.	Cast Iron, Semi-Polished	8½ lbs.

Half dozen in a box, with screws.

Hook Type

Number	Length Hook	Plate	Weight, Each
278*	6 in.	Cast Brass or Bronze, Extra Heavy	1 lb.
278*	8 in.	Cast Brass or Bronze, Extra Heavy	1 lb.
278*	10 in.	Cast Brass or Bronze, Extra Heavy	1¼ lbs.

With expansion bolt for wall, or floor, and bolt and nut for door. One-half dozen in a box.

Chain Type

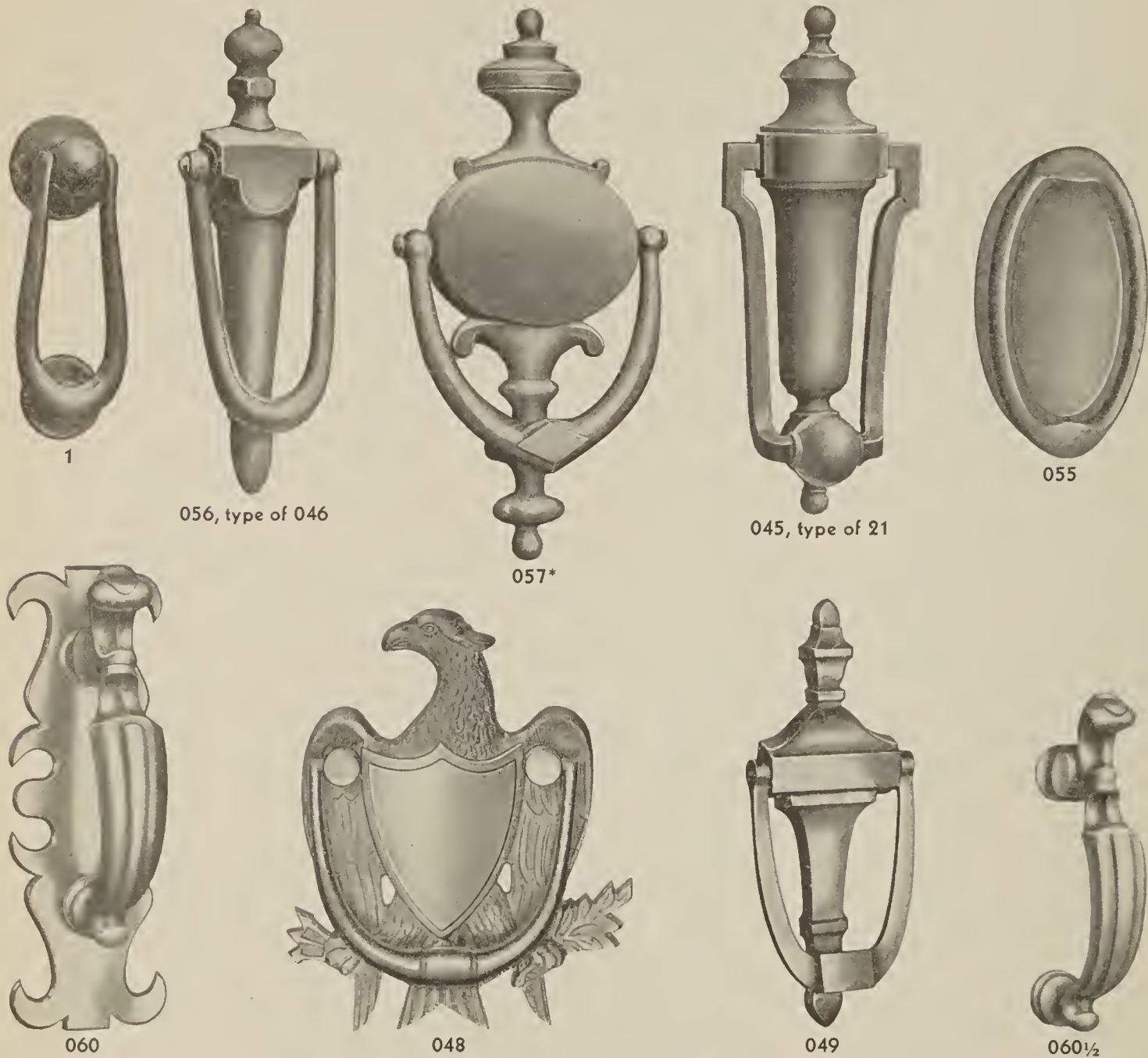
Number	Length Chain	Plate	Weight, Each
279*	16 in.	Cast Brass or Bronze, Extra Heavy	¾ lb.
279*	24 in.	Cast Brass or Bronze, Extra Heavy	1 lb.
279*	30 in.	Cast Brass or Bronze, Extra Heavy	1 lb.

*Specify thickness of door, with expansion bolt for wall, or floor, and bolt and nut for door. One-half dozen in a box.

Specify Number and Finish. Finishes described on pages 16 to 18. For other Holders, see pages 433, 491, 543 and 544.

Door Knockers for Entrance Doors

Illustrations One-third Size



Cast Brass or Bronze

Number	Inches	Weight, Each	Number	Inches	Weight, Each
1	5 1/2 x 2	1 lb.	055	5 1/2 x 3 1/8	1 1/4 lbs.
045	8 3/4 x 3 1/2	1 5/8 lbs.	056	8 x 2 1/2	1 lb.
046	7 x 2	1 lb.	057*	9 1/4 x 4 7/8	1 1/2 lbs.
048	7 1/4 x 5 1/4	2 lbs.	060	7 3/4 x 2 5/8	2 lbs.
049	7 1/4 x 2 7/8	1 lb.	060 1/2	6 x 1 1/4	1 1/2 lbs.

One in a box, with polished oval head machine screws and washers.

For Lodge Room Doors

*No. 057 can be furnished with any society emblem. Can also be furnished single or in pairs for lodge room doors with speaking tube, emblem applied to act as cover.

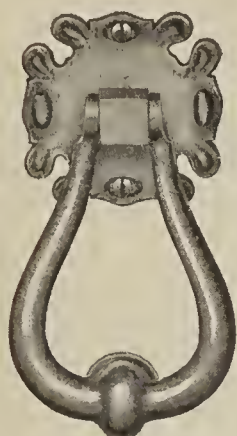
How to Order

For Single Knocker specify No. 057 x fixed emblem. †For Single Knocker specify No. 057 x drop emblem and speaking tube.
 For Single Knocker specify No. 057 x drop emblem. †For Double Knocker specify No. 0057 x drop emblem and speaking tube.
 †Specify thickness of doors. Emblems on page 92.
 Specify Number and Finish. Finishes described on pages 16 to 18.

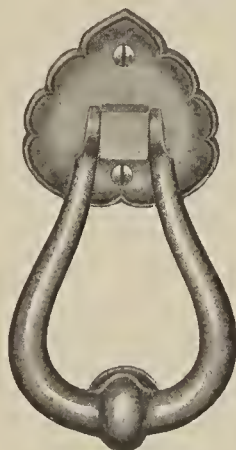
Door Knockers

Cast Brass or Bronze

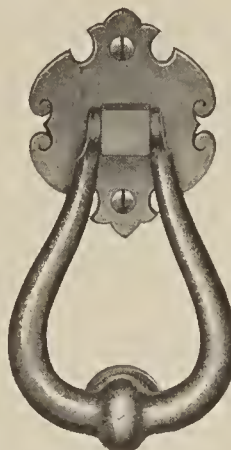
Illustrations One-third Size



450 Argo
*5450 Echo



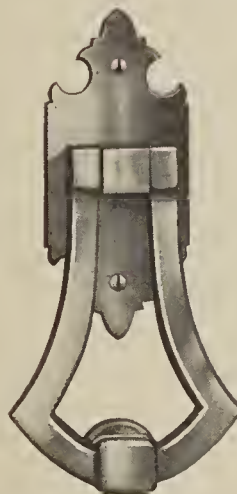
450 Canton
*5450 Avon



450 Tolland
*5450 Windham



450 Gloucester



450 Ellington
*5450 Wyman



20



22



19



16



23



450 Brewster
*5450 Warden

To Match Entrance Door Handles For Designs Not Illustrated See Pages 187 to 197

Number	Inches	Weight, Each	Number	Inches	Weight, Each
450 Argo	5 ³ / ₄ x 3	1 ¹ / ₄ lbs.	5450 Avon*	6 x 3	1 ¹ / ₄ lbs.
450 Brewster	7 x 3	1 ¹ / ₄ lbs.	5450 Echo*	5 ³ / ₄ x 3	1 ¹ / ₄ lbs.
450 Canton	6 x 3	1 ¹ / ₈ lbs.	5450 Kent*	6 ³ / ₈ x 2 ³ / ₈	1 ¹ / ₄ lbs.
450 Ellington	6 ¹ / ₂ x 3	1 ³ / ₈ lbs.	5450 Warden*	7 x 3	1 ¹ / ₄ lbs.
450 Falmouth	6 ¹ / ₂ x 2	1 ¹ / ₈ lbs.	5450 Windham*	5 ⁷ / ₈ x 3	1 ¹ / ₄ lbs.
450 Gloucester	6 x 2 ³ / ₈	1 lb.	5450 Wyman*	6 ¹ / ₂ x 3	1 ¹ / ₄ lbs.
450 Kent	5 ⁵ / ₈ x 2 ¹ / ₁₆	1 ¹ / ₈ lbs.			
450 Spear	5 ⁷ / ₈ x 3	1 ¹ / ₈ lbs.			
450 Tolland	5 ¹ / ₂ x 2 ¹ / ₂	1 lb.			
450 Yarmouth					

For Bedroom Doors

Number	Inches	Weight, Each
16	3 x 1 ¹ / ₄	1/4 lb.
19	4 x 2	1/4 lb.
20	4 ¹ / ₈ x 1 ¹ / ₂	3/8 lb.
22	4 x 1 ¹ / ₂	3/8 lb.
23	3 ¹ / ₂ x 1 ⁷ / ₈	1/2 lb.

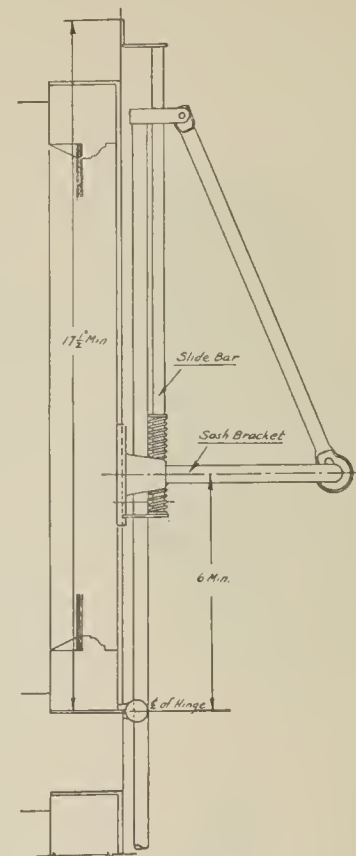
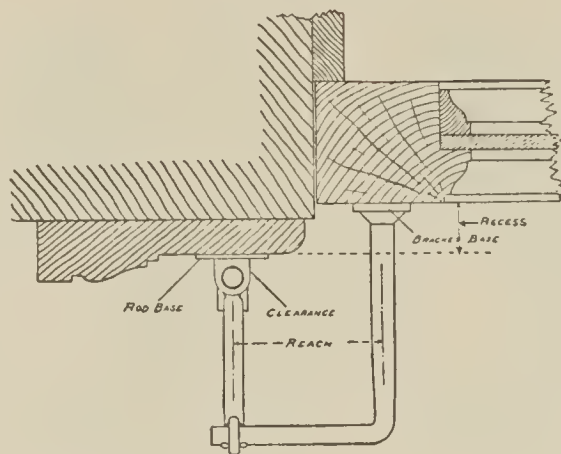
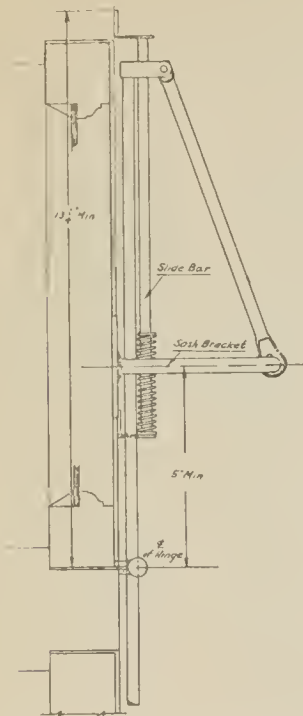
*Furnished in Cast Russwin Metal Finishes 45H or 45B only or Cast Brass in Finish 90E only.

Entrance Door Knockers, one in a box, with polished oval head machine screws and washers.

Bedroom Door Knockers, one in a box, with wood screws. Specify Number and Finish. Finishes described on pages 16 to 18.

Transom Lifters

Automatic Grip



We Recommend

Application of regular No. 45 Transom Lifter, giving minimum dimensions for location of slide bar and sash bracket when applied to inswinging Transoms hinged at bottom. If space for application of Lifter is less than 13 3/4 inches it will be necessary to furnish a special Transom Lifter. SPECIFY HEIGHT OF TRANSOM.

- 1/4 in. Rod for Light Transoms 36 x 10 inches.
- 5/16 in. Rod for Medium Transoms 36 x 18 inches.
- 3/8 in. Rod for Heavy Transoms 42 x 24 inches.
- Nos. 30-40 and 50 series for Top or Center Hung Transoms.
- Nos. 35-45 and 55 series for Bottom, Center or Top Hung Transoms.

Application of regular No. 55 Transom Lifter, giving minimum dimensions for location of slide bar and sash bracket when applied to inswinging Transoms hinged at bottom. If space for application of Lifter is less than 17 1/2 inches it will be necessary to furnish a special Transom Lifter. SPECIFY HEIGHT OF TRANSOM.

Length—To determine the proper length of a Transom Lifter, deduct 5 feet from the distance between the floor and the center of Transom.

Reach—The distance from center of Transom Rod in position to center of Transom Rail.

Recess—The distance from face of door casing to face of Transom.

Clearance—The distance from back of rod in position to face of door casing.

Width of sash bracket base is the measurement required on face of Transom Rail for attaching bracket.

Width of rod base is the measurement required on face of door casing for attaching rod guides and grip boxes.

Table Giving Measurements of Regular Transom Lifters

Number	Reach	Recess	Width of Sash Bracket Base	Max. Width of Rod Base	Clearance
30	1 3/4 in.	1/2 in. or less	3/4 in.	1 in.	3/16 in.
40	2 1/4 in.	1 1/2 in. or less	1 5/16 in.	1 1/4 in.	3/16 in.
50	2 3/4 in.	1 1/2 in. or less	1 1/16 in.	1 1/4 in.	5/16 in.
35	1 3/4 in.	1/2 in. or less	3/4 in.	1 1/8 in.	3/16 in.
45	2 1/4 in.	1 1/2 in. or less	1 5/16 in.	1 1/2 in.	3/16 in.
55	2 3/4 in.	1 1/2 in. or less	1 1/16 in.	1 9/16 in.	5/16 in.
270	2 in.	1 in. or less	3/4 in.	1 in.	3/16 in.
280	2 in.	1 in. or less	7/8 in.	1 in.	5/16 in.

Orders for Transom Lifters requiring "Reach," "Recess," "Clearance," Width of Sash Bracket Base and Width of Rod Base, other than the regular distance, should give these measurements.

If any mouldings or projections stand in the path of the Transom Lifter, a sketch showing position and projection of such obstructions will be necessary for making special guides, or risers and grip boxes.

Limitations—When furnished with brackets to give special reach and recess, either one or both, based on the total of reach and recess combined.

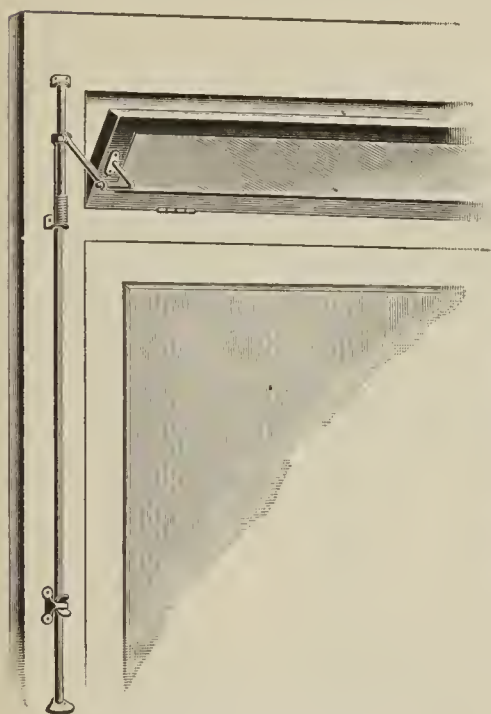
Nos. 40 and 45 series, 10 inches or less.

Nos. 50 and 55 series, 13 inches or less.

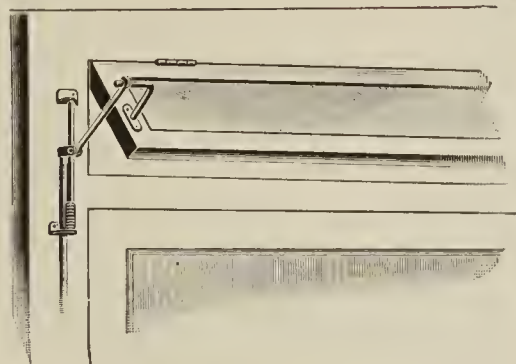
Nos. 30 and 35 series, cannot be furnished with special reach and recess.

Transom Lifters

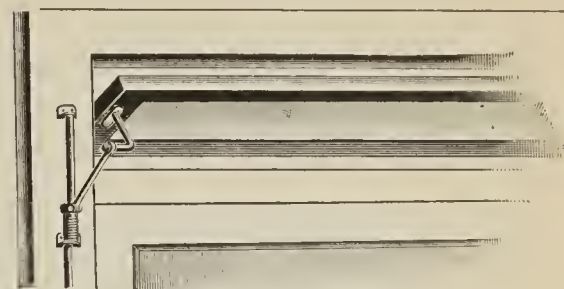
Automatic Grip



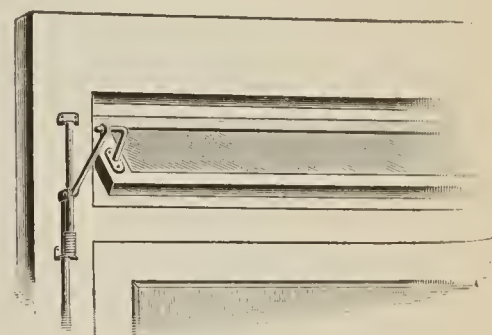
Bottom Hung, Opening In



Top Hung, Opening In



Center Hung, Opening In



Center Hung, Opening Out

For explanation of "Reach" and "Recess," see page 508.

Numbers 45, 45 1/2, 48, 55, 55 1/2, 58 can be furnished with brackets for special Reach or Recess.

Numbers 35, 35 1/2, 38 can only be furnished regular.

For Transoms Hung at Top, Center or Bottom

Number	Rod	Reach	Recess	Description	Weight, Each			
					3 Ft.	4 Ft.	5 Ft.	6 Ft.
35	1/4 in.	1 3/4 in.	1/2 in. or less	Iron, Coppered	1 1/8 lbs.	1 1/4 lbs.		
35 1/2	1/4 in.	1 3/4 in.	1/2 in. or less	Iron, Unpolished	1 1/8 lbs.	1 1/4 lbs.		
38	1/4 in.	1 3/4 in.	1/2 in. or less	Bronze, Polished	1 1/4 lbs.	1 3/8 lbs.		
45	5/16 in.	2 1/4 in.	1 1/2 in. or less	Iron, Coppered	1 3/8 lbs.	1 3/4 lbs.	2 lbs.	2 3/8 lbs.
45 1/2	5/16 in.	2 1/4 in.	1 1/2 in. or less	Iron, Unpolished	1 1/2 lbs.	1 3/4 lbs.	2 1/8 lbs.	2 1/2 lbs.
48	5/16 in.	2 1/4 in.	1 1/2 in. or less	Bronze, Polished	1 3/4 lbs.	2 lbs.	2 1/4 lbs.	2 5/8 lbs.
55	3/8 in.	2 3/4 in.	1 1/2 in. or less	Iron, Coppered		2 5/8 lbs.	3 lbs.	3 1/2 lbs.
55 1/2	3/8 in.	2 3/4 in.	1 1/2 in. or less	Iron, Unpolished		2 3/4 lbs.	3 1/8 lbs.	3 5/8 lbs.
58	3/8 in.	2 3/4 in.	1 1/2 in. or less	Bronze, Polished		3 lbs.	3 1/2 lbs.	3 7/8 lbs.

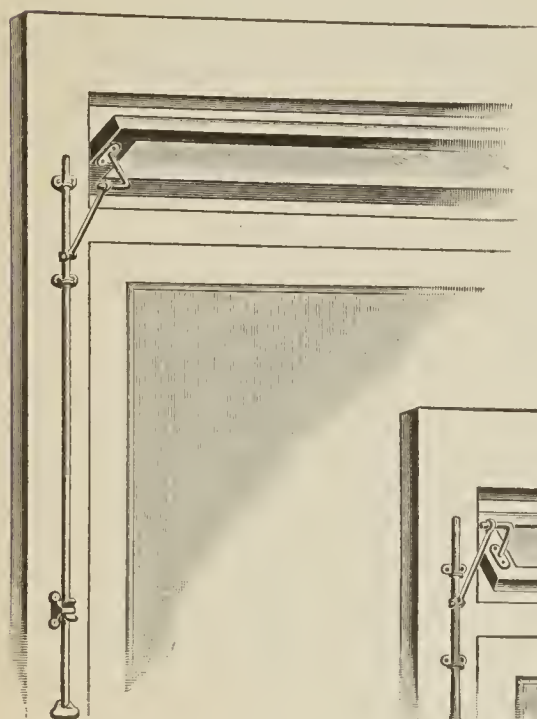
Copper plated numbers without screws, all others with screws. Nos. 35 to 45 1/2, three and four foot sizes, packed in cases, not wrapped, with brackets and guides in cloth bag, other sizes and numbers, three in a package.

Specify Number and Finish.

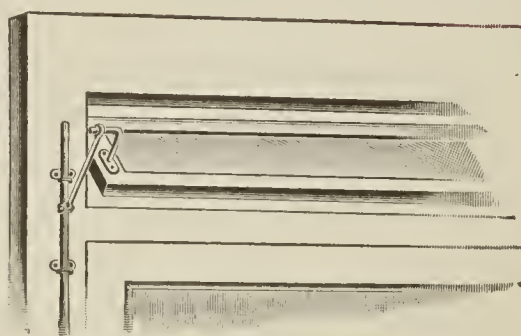
Finishes described on pages 16 to 18.

Transom Lifters

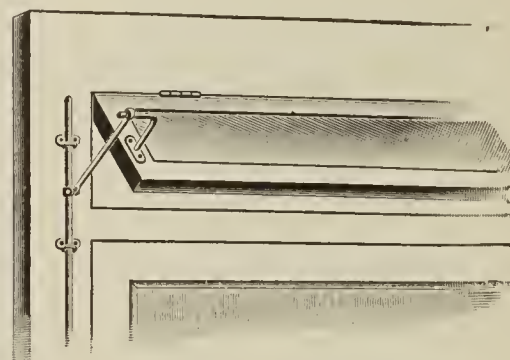
Automatic Grip



Center Hung, Opening In



Center Hung, Opening Out



Top Hung, Opening In

For explanation of "Reach" and "Recess," see page 508.

Numbers 40, 40½, 43, 50, 50½, 53 can be furnished with brackets for special Reach or Recess.

Numbers 30, 30½, 33 can only be furnished regular.

For Transoms Hung at Top or Center

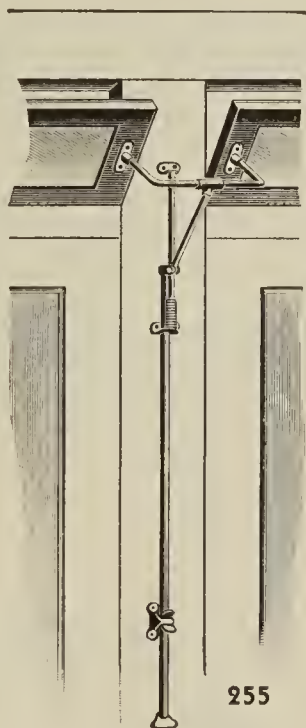
Number	Rod	Reach	Recess	Description	3 Ft.	Weight, Each		
						4 Ft.	5 Ft.	6 Ft.
30	¼ in.	1¾ in.	½ in. or less	Iron, Coppered	15 oz.	1 lb.		
30½	¼ in.	1¾ in.	½ in. or less	Iron, Unpolished	1 lb.	1½ lbs.		
33	¼ in.	1¾ in.	½ in. or less	Bronze, Polished	1 lb.	1¼ lbs.		
40	⅝ in.	2¼ in.	1½ in. or less	Iron, Coppered	1⅜ lbs.	1⅝ lbs.	1⅞ lbs.	2¼ lbs.
40½	⅝ in.	2¼ in.	1½ in. or less	Iron, Unpolished	1⅜ lbs.	1⅝ lbs.	1⅞ lbs.	2¼ lbs.
43	⅝ in.	2¼ in.	1½ in. or less	Bronze, Polished	1½ lbs.	1¾ lbs.	2 lbs.	2½ lbs.
50	⅜ in.	2¾ in.	1½ in. or less	Iron, Coppered		2½ lbs.	2¾ lbs.	3¼ lbs.
50½	⅜ in.	2¾ in.	1½ in. or less	Iron, Unpolished		2½ lbs.	2⅞ lbs.	3¼ lbs.
53	⅜ in.	2¾ in.	1½ in. or less	Bronze, Polished		2½ lbs.	3 lbs.	3¼ lbs.

Copper plated numbers without screws, all others with screws. Nos. 30 to 40½, three and four foot sizes, packed in cases, not wrapped, with brackets and guides in cloth bag; other sizes and numbers, three in a package.

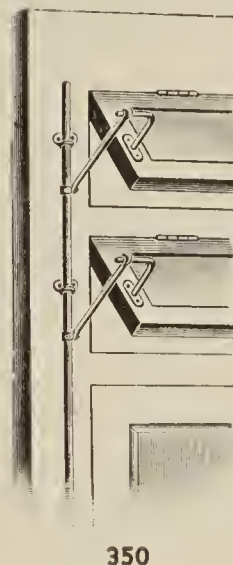
Specify Number and Finish. Finishes described on pages 16 to 18.

Transom Lifters

Automatic Grip



Double Transom Lifter applied to bottom hung transom. This same Lifter can be applied to either top or center hung transom.



Double Transom Lifter applied to top hung transom. This same Lifter can be applied to either top or center hung transom.

For explanation of "Reach" and "Recess", see page 508

Can be furnished with brackets for special "Reach" or "Recess" on order

For Transoms Hung at Top, Center or Bottom

Number	Rod	Reach	Recess	Description	Weight, Each		
					4 ft.	5 ft.	6 ft.
255	3/8 in.	2 3/4 in.*	1 1/2 in. or less	Iron, Coppered	3 3/4 lbs.	4 1/4 lbs.	4 3/4 lbs.
255 1/2	3/8 in.	2 3/4 in.*	1 1/2 in. or less	Iron, Unpolished	3 3/4 lbs.	4 1/4 lbs.	4 3/4 lbs.
258	3/8 in.	2 3/4 in.*	1 1/2 in. or less	Bronze, Polished	3 7/8 lbs.	4 1/2 lbs.	5 lbs.

* Center to center of bracket bases 5 1/2 inches.

For Transoms Hung at Top or Center

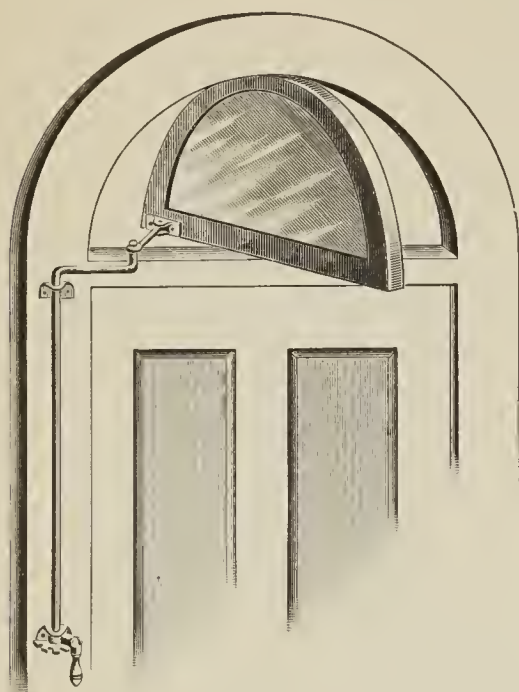
350	3/8 in.	2 3/4 in.	1 1/2 in. or less	Iron, Coppered	3 3/4 lbs.	4 1/4 lbs.	4 3/4 lbs.
350 1/2	3/8 in.	2 3/4 in.	1 1/2 in. or less	Iron, Unpolished	3 3/4 lbs.	4 1/4 lbs.	4 3/4 lbs.
353	3/8 in.	2 3/4 in.	1 1/2 in. or less	Bronze, Polished	3 7/8 lbs.	4 1/2 lbs.	5 lbs.

Specify Number and Finish.

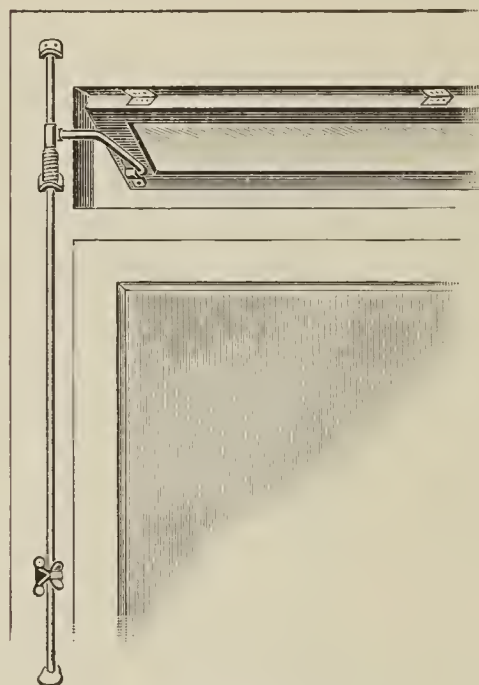
One in a package, with screws.

Finishes described on pages 16 to 18.

Transom Operators and Lifters



275

270, 280 1/2
Top Hung, Opening Out

For explanation of "Reach" and "Recess," see page 508.

Can be furnished with brackets for special Reach or Recess on order.

For Transoms Pivoted at Top and Bottom With Lever Locking Grip

Number	Rod	Description	3 ft.	Weight, Each	
				4 ft.	6 ft.
275	3/8 in.	Iron, Coppered	2 1/4 lbs.	3 1/4 lbs.	5 1/2 lbs.
275 1/2	3/8 in.	Iron, Unpolished	2 1/4 lbs.	3 1/4 lbs.	5 1/2 lbs.
278	3/8 in.	Bronze, Polished	2 1/4 lbs.	3 1/4 lbs.	5 1/2 lbs.

State width of transom; if not pivoted in center give distance from edge to pivot.

One in a package, with screws.

For Transoms Hung at Top, Center or Bottom, Opening Out

Number	Rod	Reach	Recess	Description	3 ft.	Weight, Each		
						4 ft.	5 ft.	6 ft.
270	5/16 in.	2 in.	1 in. or less	Iron, Coppered	2 3/8 lbs.	2 5/8 lbs.	2 7/8 lbs.	3 1/8 lbs.
270 1/2	5/16 in.	2 in.	1 in. or less	Iron, Unpolished	2 3/8 lbs.	2 5/8 lbs.	2 7/8 lbs.	3 1/8 lbs.
273	5/16 in.	2 in.	1 in. or less	Bronze, Polished	2 1/2 lbs.	2 3/4 lbs.	3 lbs.	3 1/4 lbs.
280	3/8 in.	2 in.	1 in. or less	Iron, Coppered	3 lbs.	3 1/4 lbs.	3 1/2 lbs.	3 7/8 lbs.
280 1/2	3/8 in.	2 in.	1 in. or less	Iron, Unpolished	3 lbs.	3 1/4 lbs.	3 1/2 lbs.	3 7/8 lbs.
283	3/8 in.	2 in.	1 in. or less	Bronze, Polished	3 1/8 lbs.	3 3/8 lbs.	3 3/4 lbs.	4 1/8 lbs.

Specify Number and Finish.

Three in a package, with screws.

Finishes described on pages 16 to 18.

Bar Sash Lifts

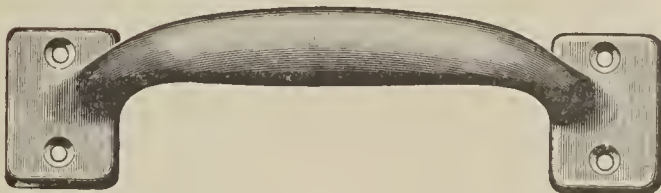
Illustrations One-half Size



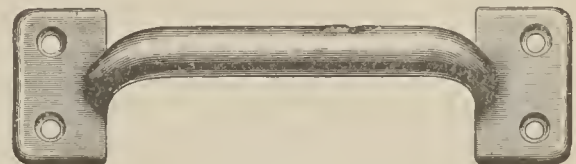
033, T033, T7033
Type of 037, T037, 046, T7037, T7046



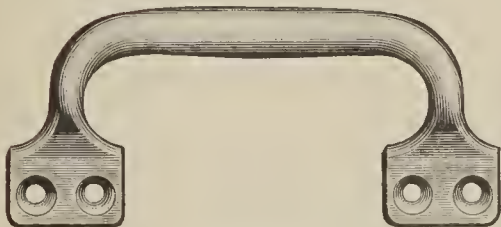
035, T7035



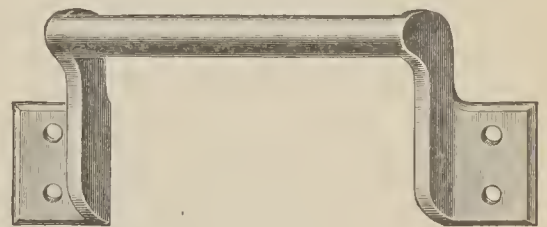
041



047, T7047



048, T048, T7048



049, T7049

Cast Brass or Bronze

Number	Size	Weight, Dozen	Number	Size	Weight, Dozen
033	1 1/8 x 4 in.	2 lbs.	046 (1/2 in. Offset)	1 3/8 x 5 in.	4 1/2 lbs.
T033	1 1/8 x 4 in.	2 lbs.	047	1 1/4 x 4 3/4 in.	2 1/8 lbs.
035	1 1/4 x 5 in.	3 1/8 lbs.	048 (1 1/2 in. Offset)	3/4 x 4 5/16 in.	3 1/4 lbs.
037	1 3/8 x 5 in.	3 5/8 lbs.	T048 (1 1/2 in. Offset)	3/4 x 4 5/16 in.	3 1/4 lbs.
T037	1 5/8 x 5 in.	3 5/8 lbs.	049 (1 1/8 in. Offset)	1 1/8 x 4 3/4 in.	3 5/8 lbs.
041	1 3/4 x 5 1/2 in.	5 3/4 lbs.			

Cast Iron

T7033	1 1/8 x 4 in.	1 3/4 lbs.	T7047	1 1/4 x 4 3/4 in.	2 3/8 lbs.
T7035	1 1/4 x 5 in.	3 lbs.	T7048 (1 1/2 in. Offset)	3/4 x 4 5/16 in.	3 1/8 lbs.
T7037	1 3/8 x 5 in.	3 5/8 lbs.	T7049 (1 1/8 in. Offset)	1 1/8 x 4 3/4 in.	3 1/8 lbs.
T7046 (1/2 in. Offset)	1 3/8 x 5 in.	4 1/4 lbs.			

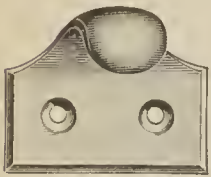
One dozen in a box, with screws.

Specify Number and Finish.

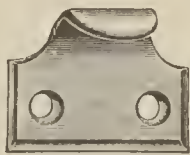
Finishes described on pages 16 to 18.

Hook Sash Lifts, Screen Lifts

Illustrations One-half Size



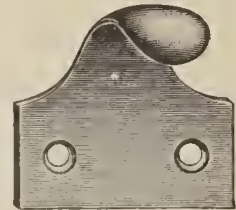
055, T7055



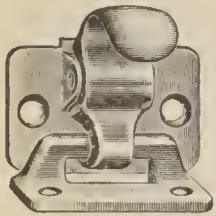
178 $\frac{3}{4}$, T7178 $\frac{3}{4}$



080



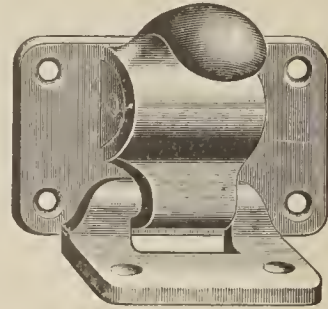
95



0101, T07101



2127, T7127



0102

Hook Type

Number	Size	Description	Weight, Dozen
055	1 $\frac{1}{2}$ x 1 $\frac{3}{4}$ in.	Cast Brass or Bronze, Polished	1 $\frac{1}{4}$ lbs.
080	1 x 1 $\frac{1}{2}$ in.	Cast Brass or Bronze, Polished	$\frac{7}{8}$ lb.
95	1 $\frac{3}{8}$ x 2 in.	Cast Brass or Bronze, Polished	2 $\frac{1}{8}$ lbs.
178 $\frac{3}{4}$	1 x 1 $\frac{5}{8}$ in.	Wrought Brass or Bronze, Polished	10 oz.
T7055	1 $\frac{1}{2}$ x 1 $\frac{3}{4}$ in.	Cast Iron	$\frac{3}{4}$ lb.
T7178 $\frac{3}{4}$	1 x 1 $\frac{5}{8}$ in.	Wrought Steel	9 oz.

Bronze, three dozen; others one-quarter gross in a box, with screws.

Sash Fastener and Hook Sash Lift Combined

Number	Size Plate	Description	Weight, Dozen
0101	1 $\frac{1}{4}$ x 1 $\frac{7}{8}$ in.	Cast Brass or Bronze, Polished	2 $\frac{1}{2}$ lbs.
0102	1 $\frac{3}{4}$ x 2 $\frac{3}{4}$ in.	Cast Brass or Bronze, Polished	5 $\frac{7}{8}$ lbs.
T07101	1 $\frac{1}{4}$ x 1 $\frac{7}{8}$ in.	Cast Iron	2 $\frac{1}{8}$ lbs.

One dozen in a box, with screws.

Screen Lifts

Number	Size	Description	Weight, Gross
T7127	$\frac{3}{8}$ x 3 $\frac{5}{8}$ in.	Wrought Steel	3 $\frac{3}{4}$ lbs.
2127	$\frac{3}{8}$ x 3 $\frac{5}{8}$ in.	Wrought Steel, Japanned	3 $\frac{3}{4}$ lbs.

One sixth gross in a box, with screws.

Specify Number and Finish.

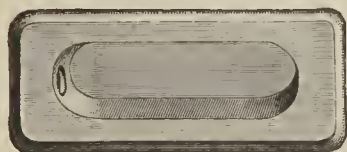
All numbers, including Japanned, packed with screws.

Finishes described on pages 16 to 18.

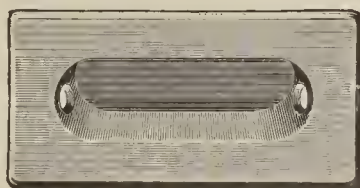
Sash Lifts

Flush

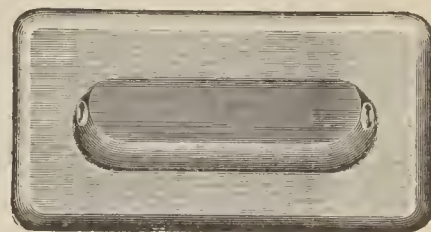
Illustrations One-half Size



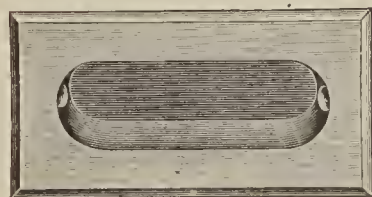
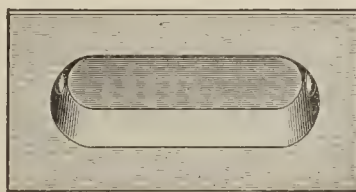
043



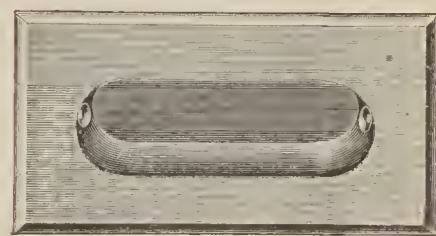
044



1114

054
Type of 045

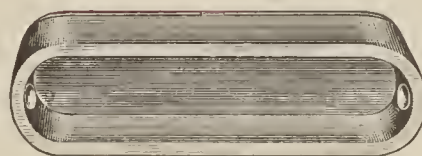
051



1115



1119



1108

Cast Brass or Bronze

Number	Size	Depth of Cup	Description	Weight, Dozen
043	1¼ x 3 in.	7/16 in.	Round Edge	1½ lbs.
044	1⅝ x 3¼ in.	7/16 in.	Round Edge	2¼ lbs.
1114	1⅞ x 3¾ in.	½ in.	Round Edge	4 lbs.
045	1¼ x 3⅛ in.	7/16 in.	Bevel Edge	1¾ lbs.
054	1⅝ x 3 in.	7/16 in.	Bevel Edge	1⅝ lbs.
1115	1⅞ x 3¾ in.	½ in.	Bevel Edge	3 lbs.
051	1⅜ x 3¼ in.	7/16 in.	Straight Edge	1¾ lbs.
1108	1 x 3⅝ in.	5/8 in.	Straight Edge	2¼ lbs.
1119	1½ x 3⅝ in.	7/16 in.	Straight Edge, Oval	1¾ lbs.

One dozen in a box, with screws.

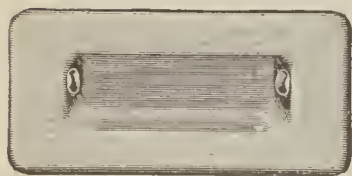
Specify Number and Finish.

Finishes described on pages 16 to 18.

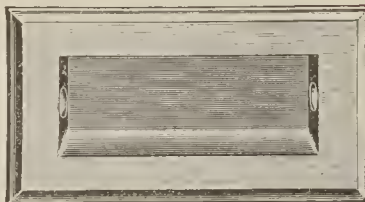
Sash Lifts

Flush

Illustrations One-half Size



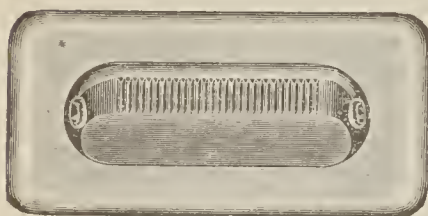
144, T7144



156, 7156



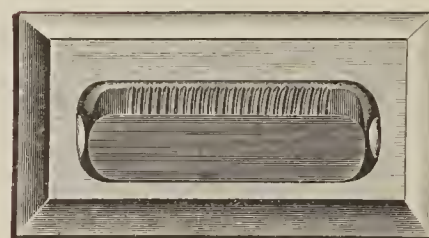
154, T7154



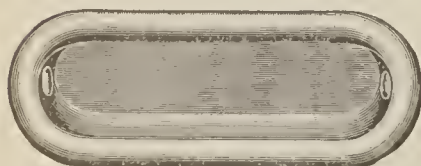
1124



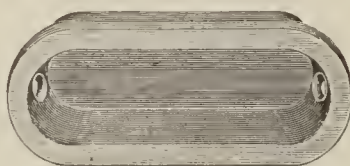
153, 7153



1123



1118



1117



1121, T7121

Number	Depth of Cup	Size	Description	Weight, Dozen
144	$\frac{5}{16}$ in.	$1\frac{9}{16} \times 3\frac{1}{16}$ in.	Wrought Brass or Bronze, Polished	$\frac{3}{4}$ lb.
153	$\frac{7}{16}$ in.	$1\frac{1}{8} \times 2\frac{3}{4}$ in.	Wrought Brass or Bronze, Polished	$\frac{3}{4}$ lb.
154	$\frac{5}{16}$ in.	$1\frac{1}{2} \times 3\frac{1}{4}$ in.	Wrought Brass or Bronze, Polished	$\frac{3}{4}$ lb.
156	$\frac{1}{2}$ in.	$1\frac{3}{4} \times 3\frac{1}{4}$ in.	Wrought Brass or Bronze, Polished	$1\frac{1}{4}$ lbs.
1117	$\frac{1}{2}$ in.	1 x 3 in.	Cast Brass or Bronze, Polished	$2\frac{1}{4}$ lbs.
1118	$\frac{7}{16}$ in.	$1\frac{1}{4} \times 3$ in.	Cast Brass or Bronze, Polished	$2\frac{1}{4}$ lbs.
1121	$\frac{1}{2}$ in.	$1\frac{3}{8} \times 3\frac{1}{8}$ in.	Wrought Brass or Bronze, Polished	1 lb.
1123	$\frac{5}{8}$ in.	$1\frac{15}{16} \times 3\frac{3}{4}$ in.	Cast Brass or Bronze, Polished	$4\frac{1}{4}$ lbs.
1124	$\frac{5}{8}$ in.	$1\frac{7}{8} \times 4$ in.	Cast Brass or Bronze, Polished	$4\frac{1}{2}$ lbs.
T7121	$\frac{1}{2}$ in.	$1\frac{3}{8} \times 3\frac{1}{8}$ in.	Wrought Steel	1 lb.
T7144	$\frac{5}{16}$ in.	$1\frac{9}{16} \times 3\frac{1}{16}$ in.	Wrought Steel	$\frac{3}{4}$ lb.
7153	$\frac{7}{16}$ in.	$1\frac{1}{8} \times 2\frac{3}{4}$ in.	Wrought Steel	$\frac{3}{4}$ lb.
T7154	$\frac{5}{16}$ in.	$1\frac{1}{2} \times 3\frac{1}{4}$ in.	Wrought Steel	$\frac{5}{8}$ lb.
7156	$\frac{1}{2}$ in.	$1\frac{3}{4} \times 3\frac{1}{4}$ in.	Wrought Steel	$1\frac{1}{8}$ lbs.

One dozen in a box, with screws. Nos. 144, T7144, four gross in a fibre container, weight 34 lbs.
Specify Number and Finish. Finishes described on pages 16 to 18.

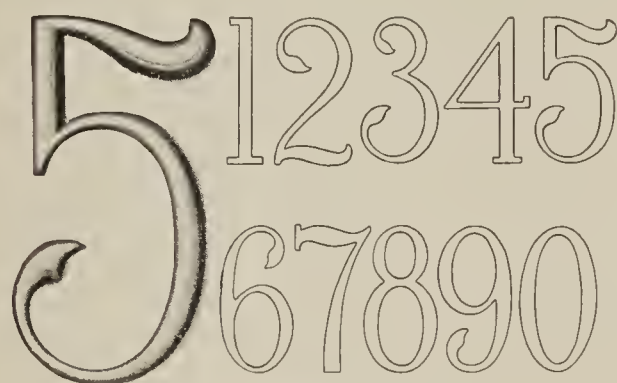
Numbers and Letters



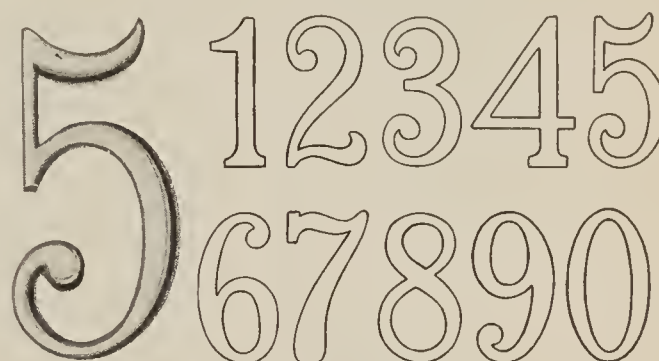
Series 1



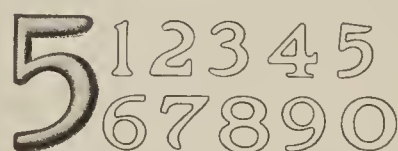
Series 4



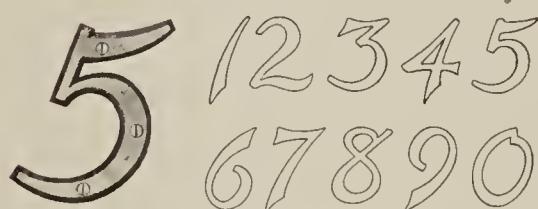
Series A



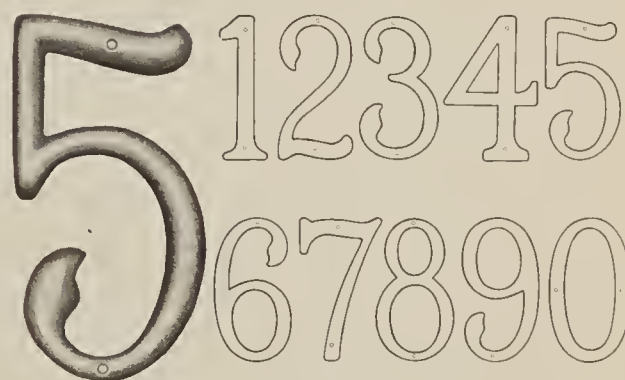
Series J



Series H



Series G



Series K

Series G numbers are furnished with screws for attaching. Series K with Escutcheon Pins. All others have pins cast in for applying.
Any letter from A to Z, and (&), period (.), comma (,) and any number from 0 to 9 inclusive furnished.

Letters

Series No.	Description	Size
1	Cast Bronze	2 3/8 in.
	Cast Bronze	4 in.
	Cast Bronze	5 in.
4	Cast Bronze	1 in.
	Cast Bronze	1 1/4 in.
	Cast Bronze	1 1/2 in.
	Cast Bronze	2 in.

Letters, Series 1 match numbers, Series A.

Numbers

Series No.	Description	Size
A	Cast Bronze	1 1/8 in.
	Cast Bronze	2 3/8 in.
	Cast Bronze	2 3/4 in.
	Cast Bronze	4 in.
	Cast Bronze	5 in.
G	Cast Bronze	2 in.
	Cast Bronze	3 in.
	Cast Bronze	4 in.
	Cast Bronze	1 1/2 in.
H	Cast Bronze	3 1/8 in.
J	Cast Bronze	3 in.
K	Cast Bronze	3 in.

Specify series, size and quantity of each letter or number wanted. Series J packed ten numbers, alike, in a box; others as ordered.
Specify Number, Size and Finish. Finishes described on pages 16 to 18.

Padlocks

Illustrations One-half Size



2882MK—2883AMK



2884MK—2885AMK

Self-Locking Spring Shackle

5 Tumblers

Unlimited Changes

Two Liberty Silver Keys, Class No. 981

These Padlocks are made from a solid block of extruded Brass Metal, bored out to receive mechanism and are furnished master-keyed and grand master-keyed in sets as desired with other Russwin Cylinder Locks.

Number	Size	Case	Shackle	Weight, Dozen
2882MK	1 3/4 x 1 1/2 in.	Brass	Brass	8 5/8 lbs.
2882AMK	1 3/4 x 1 1/2 in.	Brass	Cadmium Plated	8 5/8 lbs.
2883MK	2 x 1 1/2 in.	Brass	Brass	10 3/8 lbs.
2883AMK	2 x 1 1/2 in.	Brass	Cadmium Plated	10 3/8 lbs.
2884MK	2 1/4 x 1 5/8 in.	Brass	Brass	11 3/8 lbs.
2884AMK	2 1/4 x 1 5/8 in.	Brass	Cadmium Plated	11 3/8 lbs.
2885MK	2 1/2 x 1 7/8 in.	Brass	Brass	16 7/8 lbs.
2885AMK	2 1/2 x 1 7/8 in.	Brass	Cadmium Plated	16 7/8 lbs.

If wanted with chain, suffix C to number.
Steel Chain furnished with Steel Shackle.

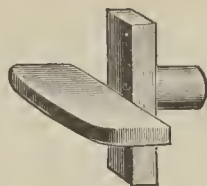
Master-Keys, Class No. 981M.
Brass Chain furnished with Steel Shackle.

One in a box.

Shelf Pins - Quadrants



1

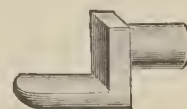


8

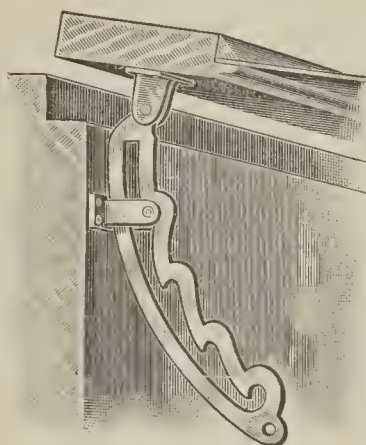
Adjust 1/2 inch by
inverting



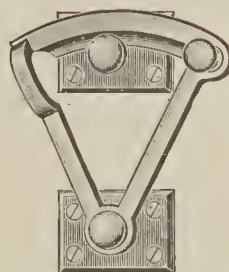
17, 17 1/2



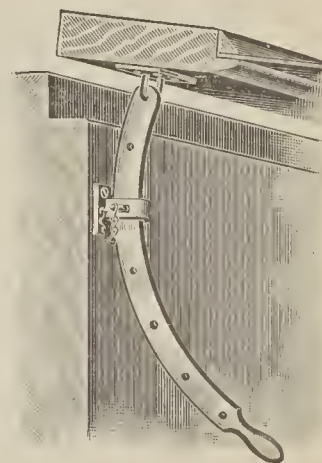
8004, 8004 1/2



100 applied to Ceiling Light
Operated with pull down hook and pole



050 Quadrant
Right Hand



125 applied to Ceiling Light
Operated with hand

Shelf Pins

Number	Size, Pin	Description	Weight, Gross
1	9/32 in.	Cast Iron, Coppered	3 3/4 lbs.
8	3/8 in.	Cast Iron, Coppered (Turned Pin)	10 3/4 lbs.
17	1/4 in.	Cast Brass, Polished	4 1/4 lbs.
17 1/2	1/4 in.	Cast Brass, Unpolished	4 5/8 lbs.
8004	3/8 in.	Cast Iron, Kahala (Turned Pin)	9 lbs.
8004 1/2	7/16 in.	Cast Iron, Kahala	10 lbs.

One gross in a box.

Dutch Door Quadrant

Number	Size	Description	Weight, Each
050*	Plates, 2 1/2 x 1 1/2 in., Height 4 3/4 in.	Cast Brass or Bronze	1 lb.

*Specify hand.

One-half dozen in a box, with screws.

Skylight Quadrant

Number	Size of Bar	Size Plates	Description	Weight, Each
100†	13 1/2 x 1/4 in.	3 x 1 1/2 x 1/4 in.	Cast Brass or Bronze	3 lbs.
125†	23 x 3/8 in.	3 1/8 x 2 5/8 x 3/8 in.	Wrought Iron, Unfinished	5 1/2 lbs.

†Specify radius of sash.

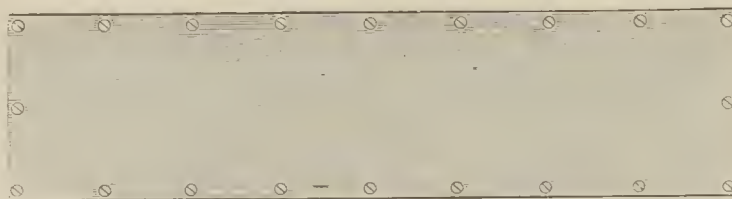
Specify Number and Finish.

One in a package, with screws.

Finishes described on pages 16 to 18.

Kick Plates

Wrought Brass or Bronze



12, 14 and 16 Gauge, Straight or Beveled Edges

Thickness: Brown & Sharpe Gauges Nos. 16-14-12.
No. 16 is .051 of an inch; No. 14 is .064 of an inch; No. 12 is .081 of an inch.

Regular widths: 8-10-12 inches.

When ordering Kick Plates beveled on Top edge and two Ends, suffix B E to number.

Specify Size, Gauge and Finish.

Finishes described on pages 16 to 18.

Packed with screws.

Name and Direction Plates

Cast Brass or Bronze



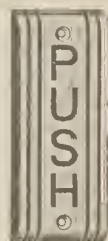
Type B



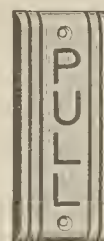
Type E



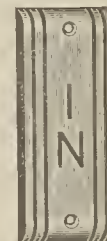
Type C



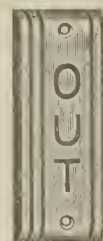
714



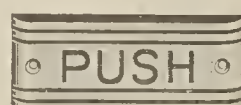
715



716



717



718



719

Number	Size Inches			Number of Letters	Size of Letters	Number	Size Inches		Size of Letters
B	3	x	9 in.	5	1 in.	714	4 $\frac{1}{16}$ x 1 $\frac{1}{2}$ in.		$\frac{5}{8}$ in.
B	3	x	12 in.	8	1 in.	715	4 $\frac{1}{16}$ x 1 $\frac{1}{2}$ in.		$\frac{5}{8}$ in.
B	3	x	15 $\frac{7}{8}$ in.	10	1 in.	716	4 $\frac{1}{16}$ x 1 $\frac{1}{2}$ in.		$\frac{5}{8}$ in.
C	1	x	4 $\frac{5}{8}$ in.	6 or less	$\frac{1}{2}$ in.	717	4 $\frac{1}{16}$ x 1 $\frac{1}{2}$ in.		$\frac{5}{8}$ in.
C-8	1	x	6 in.	7 or 8	$\frac{1}{2}$ in.	718	4 $\frac{1}{16}$ x 1 $\frac{1}{2}$ in.		$\frac{9}{16}$ in.
C-10	1	x	6 $\frac{15}{16}$ in.	9 or 10	$\frac{1}{2}$ in.	719	4 $\frac{1}{16}$ x 1 $\frac{1}{2}$ in.		$\frac{9}{16}$ in.
C-12	1	x	7 $\frac{15}{16}$ in.	11 or 12	$\frac{1}{2}$ in.				
C-14	1	x	9 in.	13 or 14	$\frac{1}{2}$ in.				
C-16	1	x	10 $\frac{5}{8}$ in.	15 or 16	$\frac{1}{2}$ in.				
C-18	1	x	11 $\frac{13}{16}$ in.	17 or 18	$\frac{1}{2}$ in.				
E	2 $\frac{1}{4}$	x	9 in.	5	1 in.				
E	2 $\frac{1}{4}$	x	12 in.	8	1 in.				
E	2 $\frac{1}{4}$	x	16 in.	10	1 in.				

Furnished with any name, lettering or numbering. The maximum number of Letters or Figures are shown for each size plate.

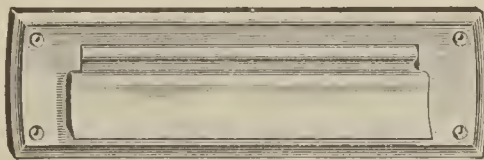
Other designs can be furnished to order. Regularly packed with wood screws.

Specify Number and Finish.

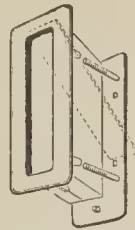
Nos. 714 to 719, six in a box, others as ordered.

Letter Box Plates

Illustrations One-quarter Size

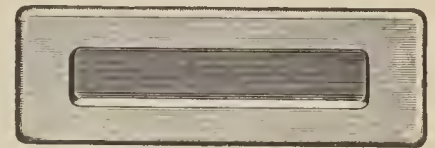


60, Outside Plate
Type of 5460*



Illustrating Set 74 1/2

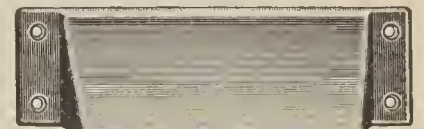
The outside plate, with chute attached, and the inside plate are fastened together by machine screws.



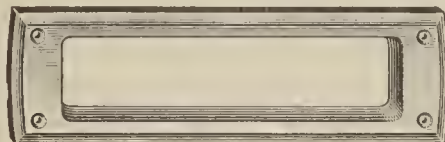
28, Outside Plate
Type of 27, 45, 7028
27 Has Beveled Edges



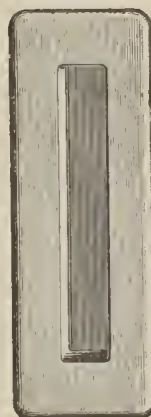
61 Outside Plate
Type of 5461*



28 1/2, Inside Hood
Type of 45 1/2, 7028 1/2



60 3/4, Inside Plate
Type of 5460 3/4*



74 1/2



28 3/4, Inside Plate
Type of 27 3/4, 7028 3/4
27 3/4 Has Beveled Edges

Nos. 28, 28 1/2, 28 3/4, 45, 7028, 7028 1/2 and 7028 3/4 have opening large enough for newspapers, magazines, etc.
See pages 522 and 523 for Chutes, etc.

Letter Box Plate Set, Complete

Specify thickness of door

Number	Plate	Opening	Description	Weight
74 1/2	9 3/4 x 3 in.	7 x 1 1/2 in.	Cast Brass or Bronze One Set in a box, with Wood or Machine Screws.	3 1/2 lbs.
Made for Doors 1 3/4 and 2 1/4 in. thick.				

Outside Plates

27	10	x 3 3/4 in.	7 x 2 in.	Cast Brass or Bronze	1 3/8 lbs.
28	10	x 3 3/4 in.	7 x 2 in.	Cast Brass or Bronze	1 3/8 lbs.
45	9 1/2	x 2 7/8 in.	7 x 1 1/2 in.	Cast Brass or Bronze	1 1/8 lbs.
60	8 7/16	x 2 1/2 in.	6 x 1 3/8 in.	Cast Brass or Bronze	1 lb.
61	8 7/16	x 2 1/2 in.	6 x 1 3/8 in.	Cast Brass or Bronze	1 lb.
5460	8 1/2	x 2 3/4 in.	6 x 1 3/8 in.	Russwin Metal or Cast Brass Hammered	1 lb.
5461	8 1/2	x 2 3/4 in.	6 x 1 3/8 in.	Russwin Metal or Cast Brass Hammered	1 lb.
7028	10	x 3 3/4 in.	7 x 2 in.	Cast Iron	1 1/2 lbs.

One-sixth dozen in box, with Screws.

Inside Hoods

28 1/2	10	x 3 in.	For Plate No. 28	Cast Brass or Bronze	1 1/4 lbs.
45 1/2	9 1/2	x 2 7/8 in.	For Plate No. 45	Cast Brass or Bronze	1 1/8 lbs.
7028 1/2	10	x 3 in.	For Plate No. 7028	Cast Iron	1 1/4 lbs.

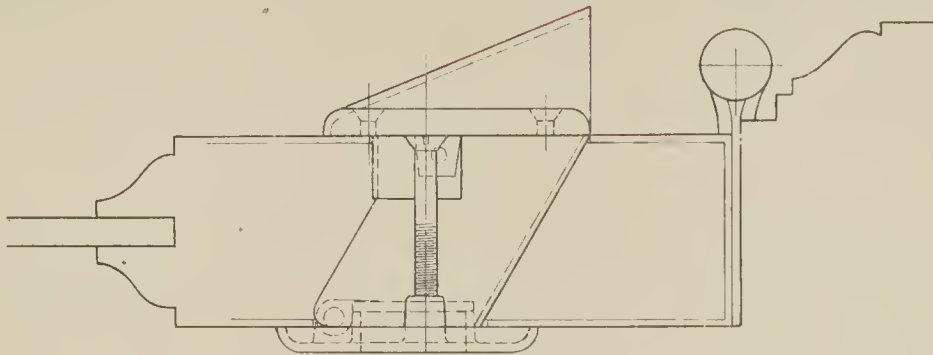
One-sixth dozen in box, with Screws.

Inside Plates

27 3/4	10	x 3 3/8 in.	For Plate No. 28	Cast Brass or Bronze	5/8 lbs.
28 3/4	10	x 3 3/8 in.	For Plate No. 28	Cast Brass or Bronze	5/8 lbs.
60 3/4	7 11/16	x 2 3/16 in.	For Plates Nos. 60-61	Cast Brass or Bronze	1/2 lb.
5460 3/4	7 11/16	x 2 3/16 in.	For Plates Nos. 5460-5461	Russwin Metal or Cast Br. Hammered	1/2 lb.
7028 3/4	10	x 3 3/8 in.	For Plate No. 7028	Cast Iron	5/8 lbs.

*Furnished in Russwin Metal Finish 45H or Cast Brass Hammered Finish 9 OE. Half-dozen in a box, with wood screws.
Specify Number and Finish. Finishes described on pages 16 to 18.

Letter Box Chutes

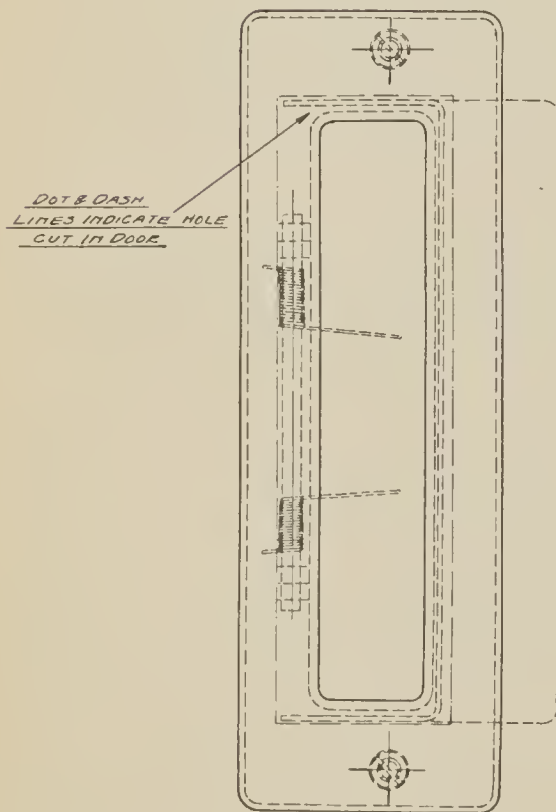


Wrought Brass Chute No. 2

For 1 $\frac{3}{4}$ Inch Doors Only

Letter Box Plates with chutes of this type (chutes are necessary when letter box plates are used on Hollow Metal Doors) can be furnished in the following designs.

1420 x 1420 $\frac{1}{2}$ Ardsley,	see page 26
1420 x 1420 $\frac{1}{2}$ Camden,	see page 36
1420 x 1420 $\frac{1}{2}$ Ceres,	see page 38
1420 x 1420 $\frac{1}{2}$ Copley,	see page 42
1420 x 1420 $\frac{1}{2}$ Fidelity,	see page 50
1420 x 1420 $\frac{1}{2}$ Granby,	see page 52
1420 x 1420 $\frac{1}{2}$ Litchfield,	see page 64
1420 x 1420 $\frac{1}{2}$ Thetis,	see page 80



Any of the above letter box plates can be applied in either a horizontal or vertical position.

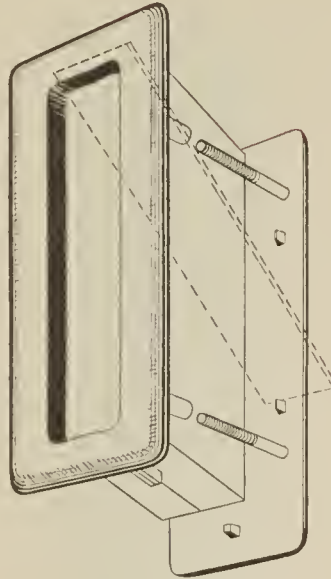
When applied vertically, the flap swings to the side.

Cast Chutes (Type of No. 2)

Letter Box Plates with chutes of this type can be furnished in the following designs:

1421 x 1421 $\frac{1}{2}$ Aetna,	see page 22
1421 x 1421 $\frac{1}{2}$ Cairo,	see page 34
1420 x 1420 $\frac{1}{2}$ Madison,	see page 66
1420 x 1420 $\frac{1}{2}$ Niantic,	see page 74
1421 x 1421 $\frac{1}{2}$ Pyramid,	see page 78

Letter Box Chutes



No. 74
Type of 74½,
1424 and 1424½

Cast Vertical Chutes, Top Hinged

Letter Box Plates with chutes of this type can be furnished in the following designs:

1424½ Aetna, see page 22

1424½ Ardsley, see page 26

1424½ Cairo, see page 34

1424 Camden, see page 36

1424½ Camden, see page 36

1424 Copley, see page 42

1424½ Copley, see page 42

1424 Fidelity, see page 50

1424½ Fidelity, see page 50

1424½ Granby, see page 52

1424½ Litchfield, see page 64

1424 Madison, see page 66

1424½ Madison, see page 66

1424½ Modart, see page 70

1424½ Niantic, see page 74

1424½ Pyramid, see page 78

74* see page 521

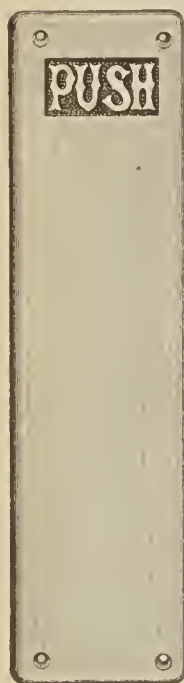
74½* see page 521

Nos. 1424, Camden, Copley, Fidelity and Madison designs have cast chutes for 1¾, 2 or 2¼ inch doors, Nos. 1424½, Aetna, Ardsley, Cairo, Camden, Copley, Fidelity, Granby, Litchfield, Madison, Modart. Niantic and Pyramid designs have cast chutes for 1¾ and 2¼ inch doors. No. 74 has cast chutes for 1¾, 2, 2¼, 2½, 2¾, 3½ and 4½ inch doors. No. 74½ has cast chutes for 1¾ and 2¼ inch doors.

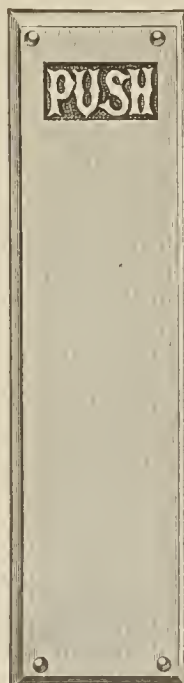
*Matches Enfield design, page 45.

Specify thickness of doors.

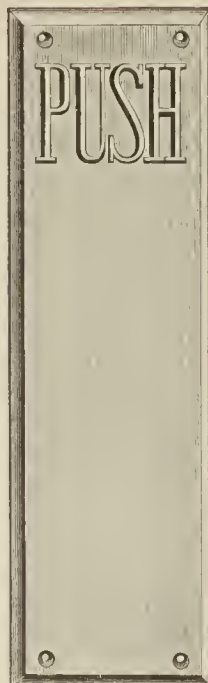
Push Plates



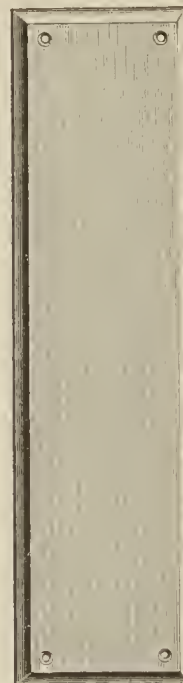
667, 668
Enfield



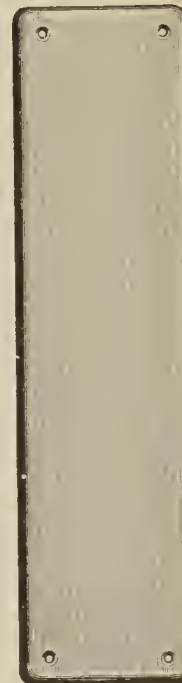
666 to 668
Lenox



676 1/2, 677 1/2
Lenox
Letters applique



615
Lenox



615
Enfield

Cast Brass or Bronze

Finish 46 Furnished on Iron only

Enfield Design

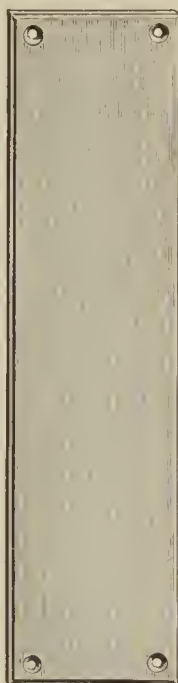
Number	Size	Weight, Each	Number	Size	Weight, Each
615 Enfield	12 x 3 in.	1 3/8 lbs.	667 Enfield	15 x 3 in.	1 7/8 lbs.
615 Enfield	15 x 3 1/2 in.	2 lbs.	668 Enfield	15 x 3 1/2 in.	2 lbs.
615 Enfield	16 x 4 in.	2 3/8 lbs.			

Lenox Design

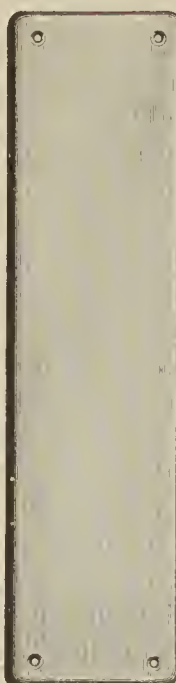
615 Lenox	12 x 3 in.	1 1/4 lbs.	666 Lenox	12 x 3 in.	1 lb.
615 Lenox	15 x 3 1/2 in.	1 3/4 lbs.	667 Lenox	15 x 3 in.	1 1/2 lbs.
615 Lenox	16 x 4 in.	2 1/4 lbs.	668 Lenox	15 x 3 1/2 in.	1 7/8 lbs.
615 Lenox	17 x 3 1/2 in.	2 1/4 lbs.	676 1/2 Lenox	12 x 4 in.	1 3/8 lbs.
			677 1/2 Lenox	15 x 4 in.	2 1/4 lbs.

Specify Number, Design, Size and Finish. Finishes described on pages 16 to 18.
Six in a box, with screws.

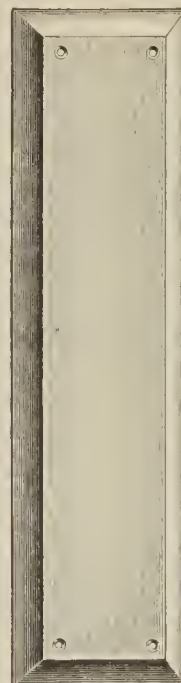
Push Plates



1016



615 to T7616
Roxbury



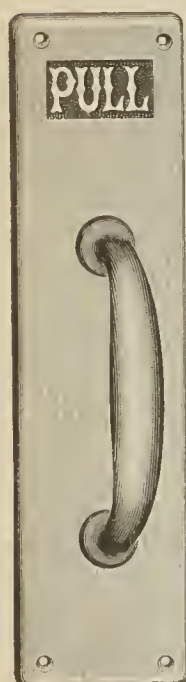
615 to T7616
Berkeley

Wrought Brass, Bronze or Steel

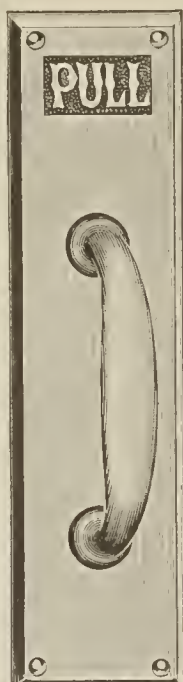
Number	Size	Description	Weight, Dozen
1016	12 x 3 in.	Brass or Bronze, 16 Gauge	7 lbs.
1016	15 x 3½ in.	Brass or Bronze, 16 Gauge	10¾ lbs.
1016	16 x 4 in.	Brass or Bronze, 16 Gauge	13½ lbs.
1016	18 x 4 in.	Brass or Bronze, 16 Gauge	14¾ lbs.
615 Roxbury	10 x 2¾ in.	Brass or Bronze	5 lbs.
616 Roxbury	12 x 3 in.	Brass or Bronze	6¾ lbs.
T7615 Roxbury	10 x 2¾ in.	Steel	4⅝ lbs.
T7616 Roxbury	12 x 3 in.	Steel	5¾ lbs.
615 Berkeley	10 x 2¾ in.	Brass or Bronze	4½ lbs.
616 Berkeley	14 x 3 in.	Brass or Bronze	8⅛ lbs.
T7615 Berkeley	10 x 2¾ in.	Steel	4 lbs.
T7616 Berkeley	14 x 3 in.	Steel	7⅛ lbs.

Specify Number, Design, Size and Finish. Finishes described on pages 16 to 18. Half dozen in a box, with screws.

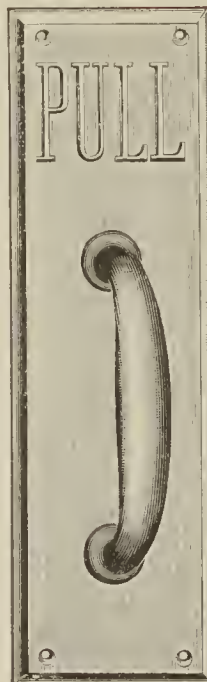
Door Pulls



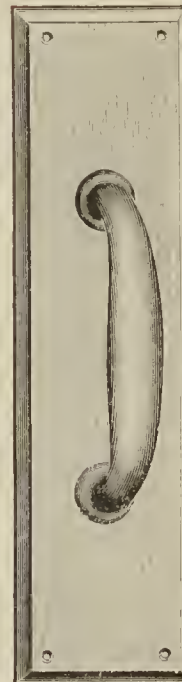
647
Enfield



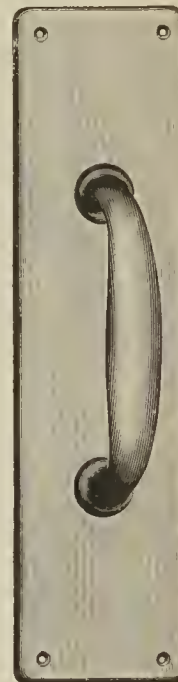
646 to 648
Lenox



656 1/2, 657 1/2
Lenox
Letters applique



626 to 629
Lenox



626 to 629
Enfield

Cast Brass or Bronze

Finish 46 Furnished on Iron only

Enfield Design

Number	Size	Grip	Weight, Dozen	Number	Size	Grip	Weight Dozen
626 Enfield	12 x 3 in.	076	28 1/2 lbs.	629 Enfield	16 x 4 in.	076	45 lbs.
627 Enfield	15 x 3 1/2 in.	076	36 3/4 lbs.	647 Enfield	15 x 3 in.	076	33 1/2 lbs.

Lenox Design

626 Lenox	12 x 3 in.	076	28 1/2 lbs.	647 Lenox	15 x 3 in.	076	31 lbs.
627 Lenox	15 x 3 1/2 in.	076	33 lbs.	648 Lenox	15 x 3 1/2 in.	076	34 1/2 lbs.
629 Lenox	16 x 4 in.	076	40 1/2 lbs.	656 1/2 Lenox	12 x 4 in.	076	31 lbs.
646 Lenox	12 x 3 in.	076	28 lbs.	657 1/2 Lenox	15 x 4 in.	076	39 lbs.

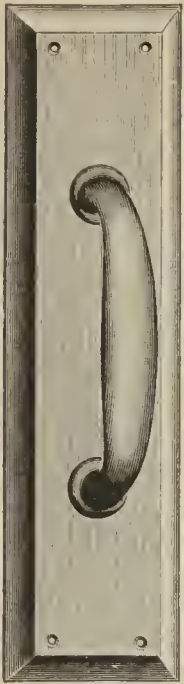
Specify Number, Design, Size and Finish.

Finishes described on pages 16 to 18.

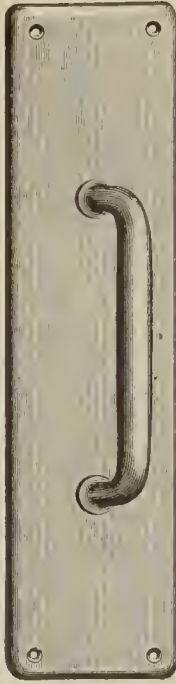
Grip shown on page 486.

Two in a box, with screws.

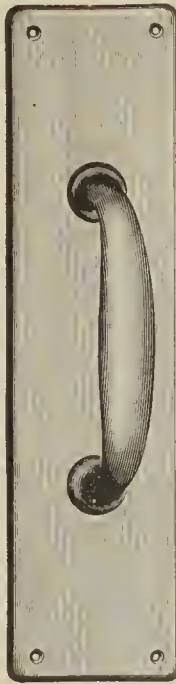
Door Pulls



625 to 7626
Berkeley



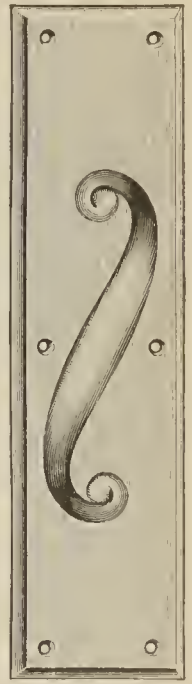
627 to 7628
Roxbury



629
Roxbury



627½, Right Hand
Enfield



627½, Right Hand
Lenox

Wrought Plates, Cast Grips Berkeley Design

Number		Size	Grip	Description	Weight, Dozen
625	Berkeley	10 x 2¾ in.	073	Brass or Bronze	15 lbs.
626	Berkeley	14 x 3 in.	073	Brass or Bronze	17¾ lbs.
7625	Berkeley	10 x 2¾ in.	7073	Steel	9½ lbs.
7626	Berkeley	14 x 3 in.	7073	Steel	12½ lbs.

Roxbury Design

627	Roxbury	10 x 2¾ in.	0741	Brass or Bronze	9 lbs.
628	Roxbury	12 x 3 in.	0741	Brass or Bronze	10¾ lbs.
629	Roxbury	12 x 3 in.	073	Brass or Bronze	13 lbs.
7627	Roxbury	10 x 2¾ in.	7741	Steel	9 lbs.
7628	Roxbury	12 x 3 in.	7741	Steel	10½ lbs.

Cast Plates and Grips

Enfield Design

627½ Enfield (Specify hand)	15 x 3½ in.	0772	Brass or Bronze (Fin. 46 on Iron)	42 lbs.
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Lenox Design

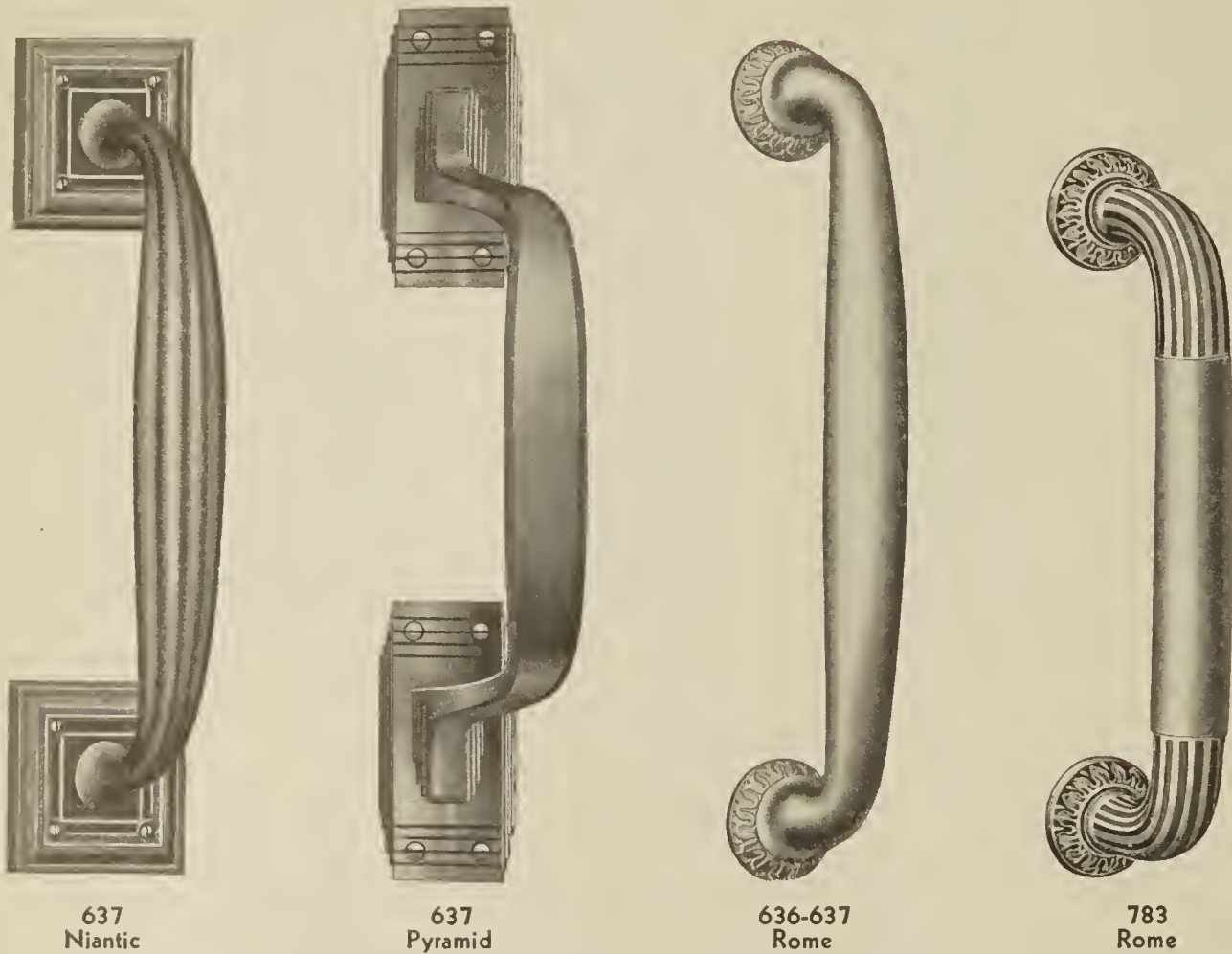
627½ Lenox (Specify hand)	15 x 3½ in.	0772	Brass or Bronze (Fin. 46 on Iron)	37½ lbs.
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Specify Number, Design, Size, and Finish. Finishes described on pages 16 to 18. Grips shown on pages 486 and 489.
Two in a box, with screws.

Door Pulls

(Sectional Type)

Illustrations One-third Size



Cast Brass or Bronze

Number	Design	Grips	Length Overall	Size of Rosettes	Weight, Dozen
637	Niantic	776 ³ / ₄	11 ¹ / ₂ in.	2 ⁹ / ₁₆ x 2 ⁹ / ₁₆ in.	30 lbs.
637*	Pyramid	785	12 ¹ / ₄ in.	4 x 2 in.	27 lbs.
636	Rome	076 ¹ / ₄	8 in.	1 ⁵ / ₈ in. dia.	19 lbs.
637	Rome	076 ³ / ₄	10 in.	1 ⁵ / ₈ in. dia.	25 ¹ / ₂ lbs.
783	Rome	783	10 in.	1 ⁵ / ₈ in. dia.	30 lbs.

*Offset 1³/₈ inch.

Door Pulls are furnished with polished bronze machine screws and washers for fastening through the door into lugs on back of Grip.

Specify Number, Design and Finish.

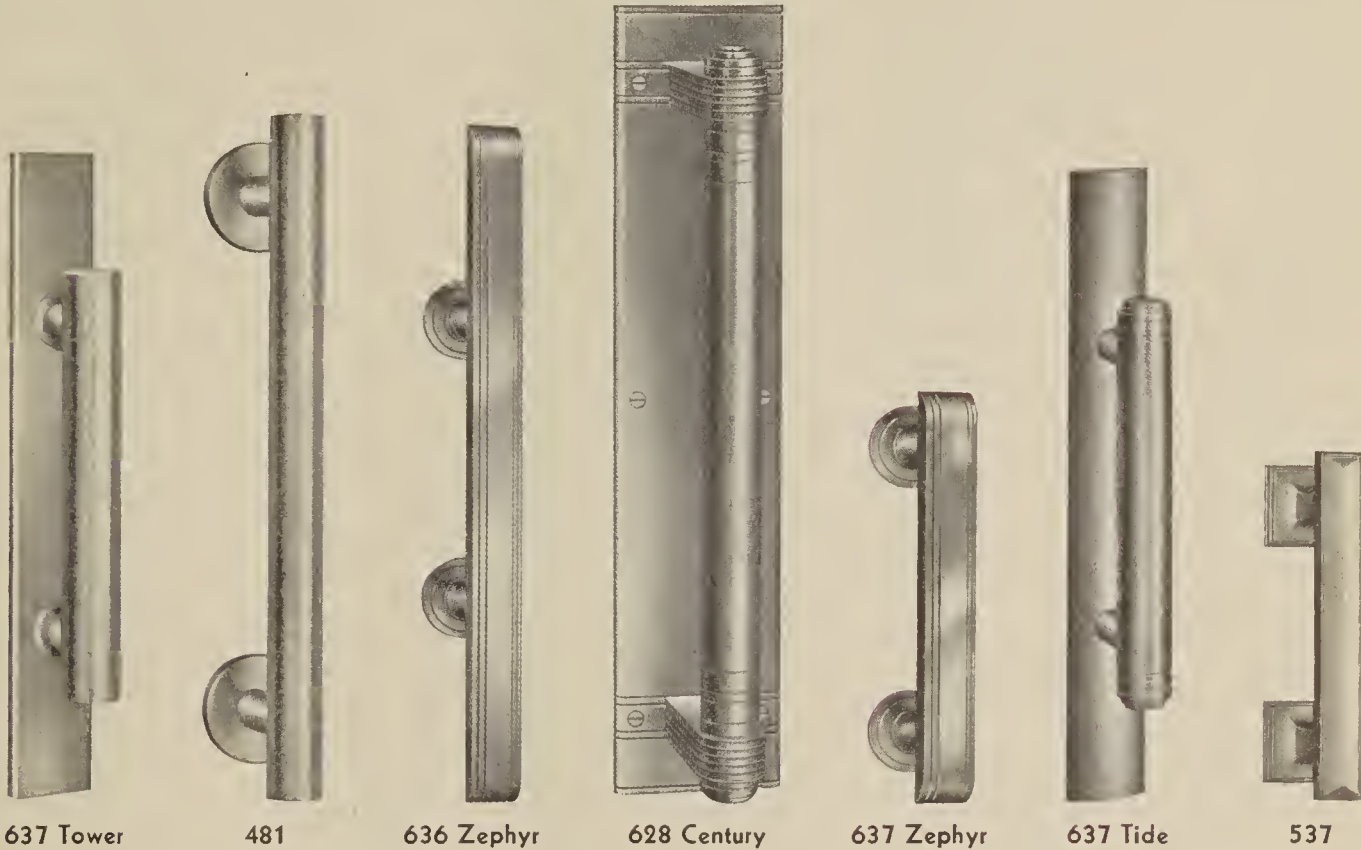
Finishes described on pages 16 to 18.

Grips shown on pages 486 and 489.

Door Pulls

Brass or Bronze

Illustrations One-quarter Size



Number	Design	Grip	Length, Overall	Plate	Rosettes	Weight, Dozen
481	—	9¼ in. C to C	12 in.	—	2 in. Dia.	44 lbs.
537	—	4¼ in. C to C	6⅛ in.	—	1⅞ in. Square	15 lbs.
628	Century	11¼ in. C to C	14 in.	3 x 14 in.	—	64½ lbs.
637	Tide	5 in. C to C	11¼ in.	1½ x 11¼ in.	—	40 lbs.
637	Tower	5½ in. C to C	11½ in.	1½ x 11½ in.	—	44 lbs.
636	Zephyr	5⅞ in. C to C	12 in.	—	1½ in. Dia.	25½ lbs.
637	Zephyr	5⅞ in. C to C	7⅜ in.	—	1½ in. Dia.	18 lbs.

Door Pulls are furnished with Bronze Machine Screws and Washers for fastening through the Door into Lugs on Back of Grip.

Specify Number, Design and Finish.

Finishes described on pages 16 and 18.

Door Pulls

Brass or Bronze

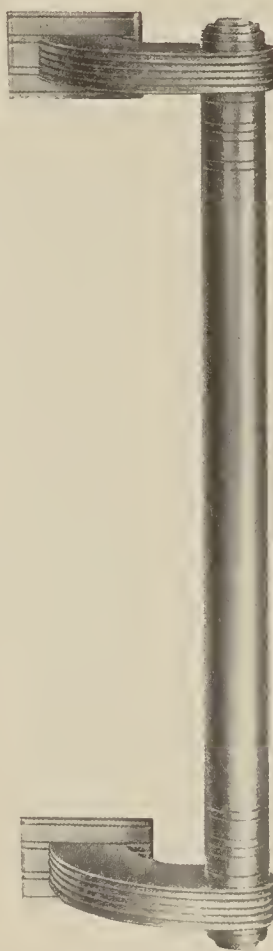
Illustrations One-quarter Size



482



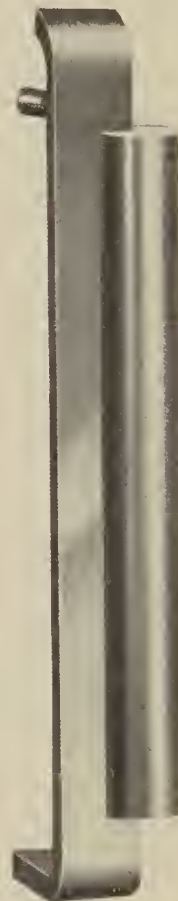
*483



*637 Century



*484



485

Number	Design	Grip	Length, Overall	Rosettes	Weight, Dozen
482	—	10½ in. C to C	12 in.	—	45 lbs.
483*	—	13½ in. C to C	15⅞ in.	1⅛ x 1⅛ in.	52 lbs.
484*	—	9 in. C to C	12⅜ in.	—	33 lbs.
485	—	14 in. C to C	16 in.	—	88½ lbs.
637*	Century	15 in. C to C	16¾ in.	1⅝ x 2⅜ in.	82½ lbs.

*Center to center sizes listed are standard. Can be furnished any length desired when so specified.

Door Pulls are furnished with Bronze Machine Screws and Washers for fastening through the Door into Lugs on back of Grip.

Specify Number, Design and Finish.

Finishes described on pages 16 to 18.

Door Pulls

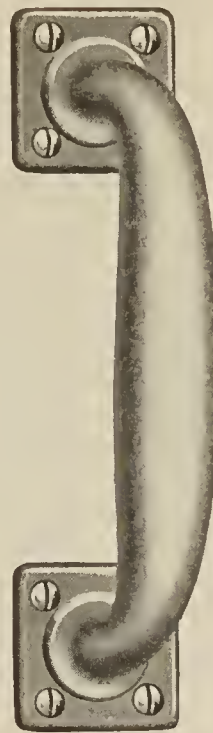
Illustrations One-half Size



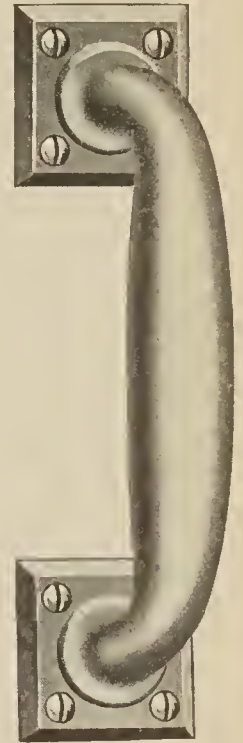
474, T474, 478
Type of 474½, 478½



475



635 Enfield



635 Lenox

Cast Brass or Bronze

Finish 46 Furnished on Iron only

Number	Inches	Weight, Dozen
474	7½ x 2	15¼ lbs.
T474	7½ x 2	15¼ lbs.
475	7½ x 2	12½ lbs.
478	10 x 2½	20 lbs.

Half dozen in a box, with wood screws.

474½†	7½ x 2	16¾ lbs.
478½†	10 x 2½	23¼ lbs.

†When so ordered, will be furnished with washer and nut for attaching to Push Plates.

Half dozen in a box, with polished bronze machine screws and washers for fastening through the door.

Sectional Type

Number	Inches	Grip No.	Size of Rosettes	Weight, Dozen
635 Enfield	6⅞ x 1⅝	*076	1⅝ x 1⅝ in.	16 lbs.
635 Lenox	7 x 1¾	*076	1¾ x 1¾ in.	17½ lbs.

Two in a box, with wood screws.

*Grips shown on page 486, others may be substituted.

For other Sectional Door Pulls, see Design Section, page 77.

Specify Number, Design and Finish.

Finishes described on pages 16 to 18.

Door Pulls

(Sectional Type)

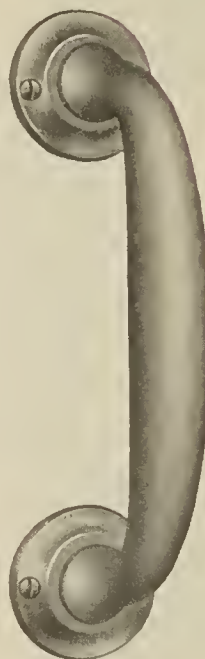
Illustrations One-third Size



638
Antoinette



637
Antoinette



636, 637
Saybrook



636, 637
Westbrook

Cast Brass or Bronze

Number	Design	Grips	Length Overall	Size of Rosettes	Weight, Dozen
637	Antoinette	Antoinette	8½ in.	1 1/16 in. dia.	25½ lbs.
638	Antoinette	Antoinette	9¾ in.	1¾ in. wide	21 lbs.
636	Saybrook	076¼	8½ in.	2 in. dia.	19½ lbs.
637	Saybrook	076¾	11½ in.	2 in. dia.	26½ lbs.
636	Westbrook	776¼	8½ in.	2 in. dia.	22½ lbs.
637	Westbrook	776¾	11 in.	2 in. dia.	27 lbs.

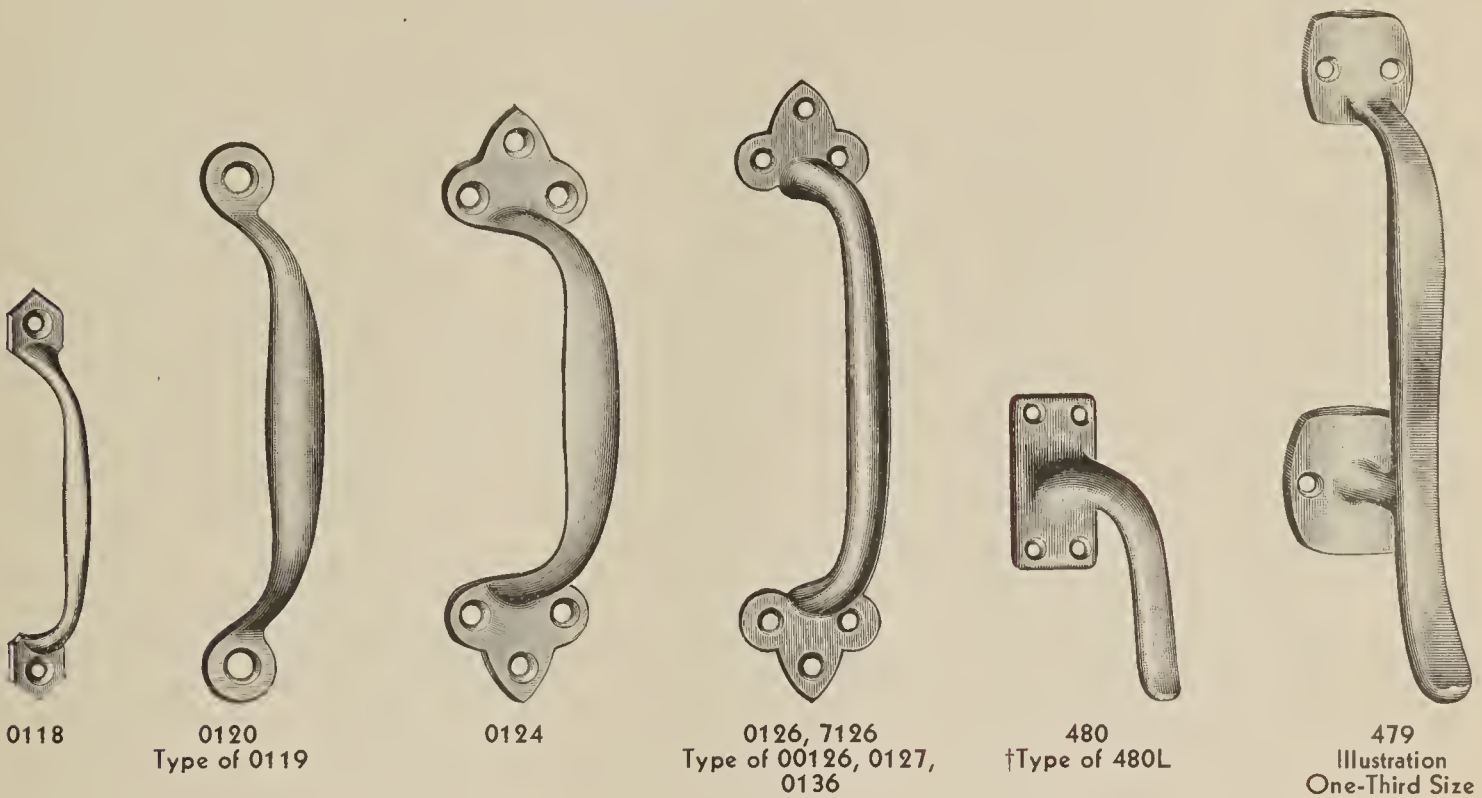
Door Pulls are furnished with polished bronze machine screws and washers for fastening through the door into lugs on back of Grip. Grips (except Antoinette), shown on page 486.

Specify Number, Design and Finish.

Finishes described on pages 16 to 18.

Door Pulls

Illustrations One-half Size



Number	Size	Description	Weight, Dozen
0118	3 $\frac{5}{8}$ x $\frac{1}{2}$ in.	Cast Brass or Bronze	$\frac{3}{4}$ lb.
0119	3 $\frac{7}{8}$ x $\frac{1}{2}$ in.	Cast Brass or Bronze	$\frac{3}{4}$ lb.
0120	5 x $\frac{5}{8}$ in.	Cast Brass or Bronze	$\frac{7}{8}$ lb.
0124	5 $\frac{3}{8}$ x 1 $\frac{3}{8}$ in.	Cast Brass or Bronze	2 $\frac{1}{4}$ lbs.
0126	5 $\frac{3}{8}$ x 1 $\frac{1}{4}$ in.	Cast Brass or Bronze	2 $\frac{3}{4}$ lbs.
0127	5 $\frac{3}{4}$ x 1 $\frac{3}{8}$ in.	Cast Brass or Bronze	3 $\frac{3}{4}$ lbs.
0136	7 x 1 $\frac{1}{2}$ in.	Cast Brass or Bronze	5 $\frac{3}{4}$ lbs.
7126	5 $\frac{3}{8}$ x 1 $\frac{1}{4}$ in.	Cast Iron	2 $\frac{1}{2}$ lbs.

Packed with wood screws. One dozen in a box.

00126	5 $\frac{3}{4}$ x 1 $\frac{1}{4}$ in.	Cast Brass or Bronze	2 $\frac{3}{4}$ lbs.
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Packed with flat head iron machine screws for fastening through door. One dozen in a box.

Hospital Arm Door Pulls

Especially designed for use on Hospital Doors.

Door is opened or closed with the arm, leaving both hands free.

Number	Size of Base	Total Height	Projection	Description	Weight, Dozen
479	1 $\frac{7}{8}$ x 1 $\frac{1}{2}$, 1 $\frac{1}{2}$ x 1 $\frac{1}{2}$ in.	9 $\frac{1}{8}$ in.	3 $\frac{3}{8}$ in.	Cast Brass or Bronze	12 lbs.
480	3 x 1 $\frac{5}{8}$ in.	5 $\frac{1}{2}$ in.	4 in.	Cast Brass or Bronze	13 $\frac{1}{4}$ lbs.
480L†	3 x 1 $\frac{5}{8}$ in.	5 $\frac{1}{2}$ in.	4 in.	Cast Brass or Bronze	13 $\frac{1}{2}$ lbs.

†Furnished with Lugs for Through Bolts.

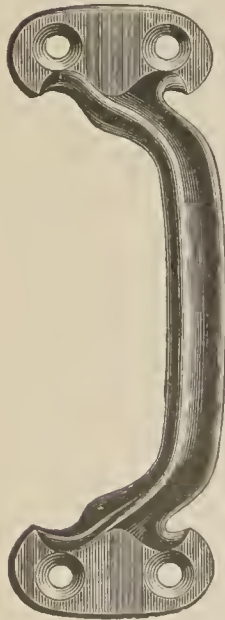
One half dozen in a box, with screws.

Specify Number and Finish.

Finishes described on pages 16 to 18.

Door Pulls

Illustrations One-half Size



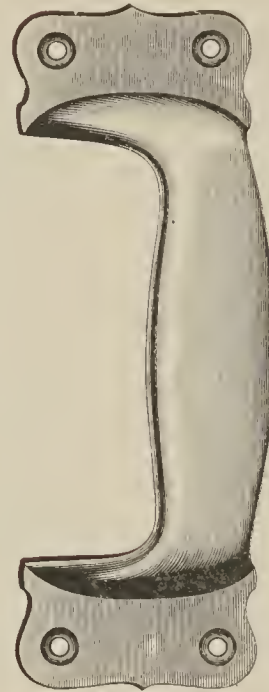
2231 (Offset)
2231 1/2 (Straight)



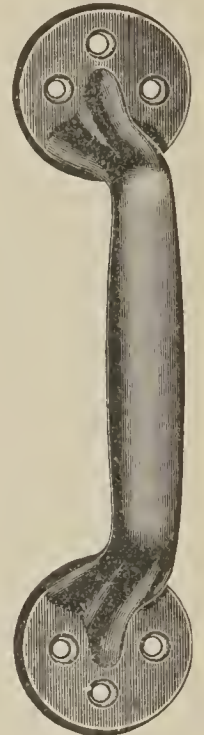
0130, 0132, 7132,
T7132



2232



472
Type of 473



2900, 2900G
(One-third Size)

Number	Size	Description	Weight, Dozen
0130	5 3/8 x 1 5/8 in.	Cast Brass or Bronze	3 1/4 lbs.
0132	5 3/4 x 1 7/8 in.	Cast Brass or Bronze	5 3/8 lbs.
472	6 x 2 1/8 in.	Cast Brass or Bronze	8 lbs.
7132	5 3/4 x 1 7/8 in.	Cast Iron, Polished	4 7/8 lbs.
T7132	5 3/4 x 1 7/8 in.	Cast Iron	4 7/8 lbs.

Packed with wood screws. One dozen in a box.

473	6 x 2 1/8 in.	Cast Brass or Bronze	8 1/2 lbs.
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Packed with bronze machine screws and washers for fastening through door. One-half dozen in a box.

2231	5 1/2 x 1 3/4 in.	Cast Iron, Japanned (Offset)	3 1/8 lbs.
2231 1/2	5 1/2 x 1 3/4 in.	Cast Iron, Japanned (Straight)	3 1/8 lbs.

One dozen in a box, with screws. 48 dozen in a case, approximate weight 175 lbs.

2232	6 x 2 1/8 in.	Cast Iron, Japanned	5 3/8 lbs.
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One dozen in a box, with screws. 24 dozen in a case, approximate weight 145 lbs.

Extra Heavy

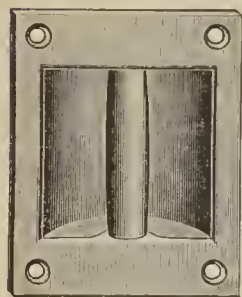
2900	10 1/2 x 2 1/2 in.	Cast Iron, Japanned	22 1/2 lbs.
2900G	10 1/2 x 2 1/2 in.	Cast Iron, Galvanized	22 1/2 lbs.

Half dozen in a box, with screws.

Specify Number and Finish. Finishes described on pages 16 to 18. All numbers, including Japanned, packed with screws.

Door Pulls

Illustrations One-quarter Size



120, 2120



110, 2110



075, 7075



1117



300

Sliding Door Pulls

Flush Type

Number	Size	Opening	Depth of Cup	Description	Weight, Dozen
110	3½ x 2¼ in.	3 x 1 in.	1 in.	Cast Brass or Bronze	4½ lbs.
2110	3½ x 2¼ in.	3 x 1 in.	1 in.	Cast Iron, Japanned	4¾ lbs.
1117	3 x 1¼ in.	2¾ x ¾ in.	½ in.	Cast Brass or Bronze	2 lbs.
300	5 x 2½ in.	3⅝ x 1⅞ in.	¾ in.	Cast Iron, Dead Black	7½ lbs.

Flush Type, Extra Heavy

With Bar Pull

120†	5 x 4 in.	3 x 3 in.	1⅝ in.	Cast Brass or Bronze	18¾ lbs.
2120	5 x 4 in.	3 x 3 in.	1⅝ in.	Cast Iron, Japanned	18¾ lbs.

Flush Type—For Edge of Door

075	5 x 1 in.			Cast Brass or Bronze	4 lbs.
7075	5 x 1 in.			Cast Iron	3¾ lbs.

All numbers, including Japanned, packed with screws.

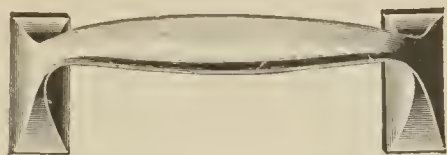
†Polished, with Matted Cup

No. 2110, one dozen in a box, others half dozen in a box, with screws.

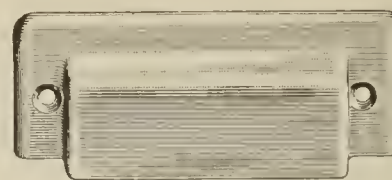
Specify Number and Finish. Finishes described on pages 16 to 18.

Drawer Pulls

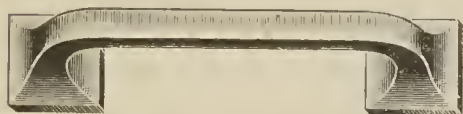
Illustrations One-half Size



034, T7034



041



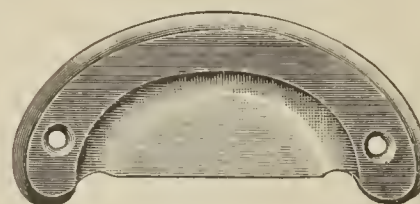
1043
Style of 1044



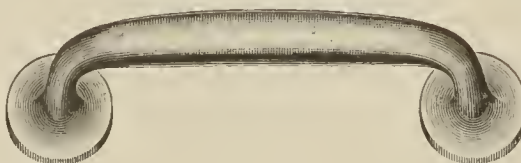
031, 161, T7161
Style of 032, 162, T7162



1042



170, T7170



1041

Bar Type

Number	Size	Description	Weight, Dozen
034	$\frac{7}{8}$ x 4 in.	Cast Brass or Bronze, Polished	2 $\frac{3}{8}$ lbs.
1041	$1\frac{5}{16}$ x 4 $\frac{5}{8}$ in.	Cast Brass or Bronze, Polished	4 lbs.
1042	$\frac{3}{4}$ x 3 $\frac{3}{4}$ in.	Cast Brass or Bronze, Polished	2 lbs.
1043	$\frac{3}{4}$ x 3 in.	Cast Brass or Bronze, Polished	1 $\frac{3}{4}$ lbs.
1044	$\frac{7}{8}$ x 4 in.	Cast Brass or Bronze, Polished	2 $\frac{1}{2}$ lbs.
T7034	$\frac{7}{8}$ x 4 in.	Cast Iron	2 $\frac{1}{4}$ lbs.

Nos. 034, 1041, 1043, 1044 and T7034 are fastened from back with machine screws and washers. No. 1042 conforms to Navy Specifications 42P1b.

One dozen in a box, with screws.

Nos. 034, T7034 twelve dozen in a fibre case.

Cup Type

Number	Size	Description	Weight, Dozen
031	3 $\frac{1}{2}$ in.	Cast Brass or Bronze, Polished	1 $\frac{3}{8}$ lbs.
032	4 in.	Cast Brass or Bronze, Polished	1 $\frac{5}{8}$ lbs.
041	3 $\frac{1}{2}$ in.	Cast Brass or Bronze, Polished	1 $\frac{5}{8}$ lb.
170	3 $\frac{5}{8}$ in.	Wrought Brass or Bronze, Polished	$\frac{3}{4}$ lb.
161	3 $\frac{1}{2}$ in.	Wrought Brass or Bronze, Polished	$\frac{3}{4}$ lb.
162	4 in.	Wrought Brass or Bronze, Polished	$\frac{7}{8}$ lb.
T7170	3 $\frac{5}{8}$ in.	Wrought Steel	$\frac{3}{4}$ lb.
T7161	3 $\frac{1}{2}$ in.	Wrought Steel	$\frac{5}{8}$ lb.
T7162	4 in.	Wrought Steel	$\frac{3}{4}$ lb.

Nos. 031 to 041, one-twelfth gross; others, one-sixth gross in a box, with screws.

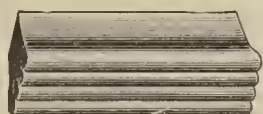
Nos. 170 to T7162 inclusive, twelve dozen in a fibre container.

Specify Number and Finish.

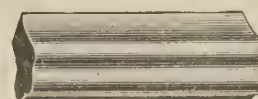
Finishes described on pages 16 to 18.

Drawer Pulls

Illustrations One-half Size



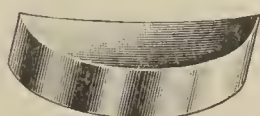
1090



1091



1094*



1092



1093*



1033



1035*



1034



1036*

Number	Size	Description	Weight, Dozen
1033	2½ x 7/8 in.	Extruded Brass, with Wrought Base Plates	1¾ lbs.
1034	3½ x 7/8 in.	Extruded Brass, with Wrought Base Plates	2½ lbs.
1035 *	2½ x 7/8 in.	Extruded Brass, with Wrought Base Plates	1¾ lbs.
1036 *	3½ x 7/8 in.	Extruded Brass, with Wrought Base Plates	2½ lbs.
1090	2 x 5/8 in.	Extruded Brass	2½ lbs.
1091	2 x 5/8 in.	Extruded Brass	2½ lbs.
1092	2 x 1/2 in.	Die Cast	1½ lbs.
1093 *	2 x 1/2 in.	Die Cast	1½ lbs.
1094 *	2¾ x 9/16 in.	Extruded Brass	2¾ lbs.

*Furnished regularly with Black Lines. Can be furnished with Red, Blue or Green Lines.

Fastened from back with Machine Screws and Washers.

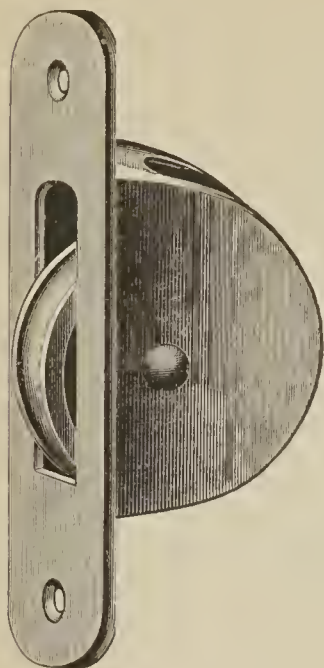
Specify Number and Finish.

One Dozen in a box with Screws and Washers.

Finishes described on pages 16 to 18.

Sash Pulleys

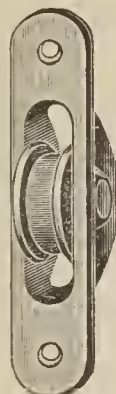
Illustrations One-half Size



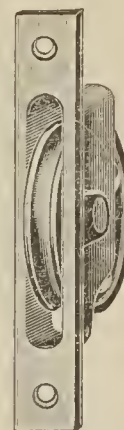
70 1/2 to 1668 1/2



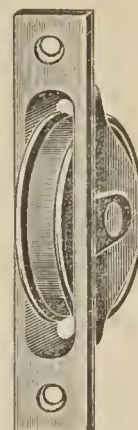
507



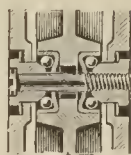
508



509



510



Ball Bearing



Anti-Friction
Roller Bearing



Double Square
Chain Groove

For Sliding Sash, Grills and Post Office Screens

Cast Bronze Front, Case and Wheel. Anti-Friction, Steel Bushed, and Steel Axle

Number	Diam. Wheel	Front Side	Description	Weight, Dozen
507	1 in.	3 1/4 x 1/2 in.	For 1/8 in. Wire Cable	2 3/4 lbs.
508	1 1/8 in.	3 1/2 x 3/4 in.	Double Square Chain Groove	3 lbs.
509	1 3/4 in.	3 3/4 x 9/16 in.	For 1/8 in. Wire Cable	4 lbs.
510	1 3/4 in.	3 3/4 x 3/4 in.	Double Square Chain Groove	3 lbs.

Nos. 70 1/2 to 1668 1/2

Furnished regularly with wheels having combination groove for cord or chain.

If Double Chain Groove is wanted, suffix DC to number.

Steel Axle	Front	Wheel Diam.	Wheel Material	Front Material and Finish	Weight, Dozen
70 1/2	4 1/2 x 1 in.	2 in.	Iron, Turned	Iron, Plain	5 7/8 lbs.
71 1/2	5 1/4 x 1 1/8 in.	2 1/4 in.	Iron, Turned	Iron, Plain	7 1/2 lbs.
72 1/2	5 3/4 x 1 1/4 in.	2 1/2 in.	Iron, Turned	Iron, Plain	9 5/8 lbs.
370 1/2	4 1/2 x 1 in.	2 in.	Iron, Turned	Iron, Lacquered	7 5/8 lbs.
371 1/2	5 1/4 x 1 1/8 in.	2 1/4 in.	Iron, Turned	Iron, Lacquered	7 1/2 lbs.
372 1/2	5 3/4 x 1 1/4 in.	2 1/2 in.	Iron, Turned	Iron, Lacquered	9 7/8 lbs.
373 1/2	6 1/2 x 1 7/16 in.	3 in.	Iron, Turned	Iron, Lacquered	17 1/2 lbs.
7370 1/2 †	4 1/2 x 1 in.	2 in.	Iron, Turned	Iron, Plated	6 lbs.
7371 1/2 †	5 1/4 x 1 1/8 in.	2 1/4 in.	Iron, Turned	Iron, Plated	7 1/2 lbs.
7372 1/2 †	5 3/4 x 1 1/4 in.	2 1/2 in.	Iron, Turned	Iron, Plated	9 3/4 lbs.
7373 1/2 †	6 1/2 x 1 7/16 in.	3 in.	Iron, Turned	Iron, Plated	17 3/4 lbs.
1660 1/2 †	4 1/2 x 1 in.	2 in.	Iron, Turned	Wrought Brass or Bronze	6 3/4 lbs.
1661 1/2 †	5 1/4 x 1 1/8 in.	2 1/4 in.	Iron, Turned	Wrought Brass or Bronze	8 3/8 lbs.
1662 1/2 †	5 3/4 x 1 1/4 in.	2 1/2 in.	Iron, Turned	Wrought Brass or Bronze	10 5/8 lbs.
1663 1/2 †	6 1/2 x 1 7/16 in.	3 in.	Iron, Turned	Wrought Brass or Bronze	18 lbs.
1665 1/2	4 1/2 x 1 in.	2 in.	Brass	Wrought Brass or Bronze	8 1/2 lbs.
1666 1/2	5 1/4 x 1 1/8 in.	2 1/4 in.	Brass	Wrought Brass or Bronze	8 5/8 lbs.
1667 1/2	5 3/4 x 1 1/4 in.	2 1/2 in.	Brass	Wrought Brass or Bronze	14 1/4 lbs.
1668 1/2	6 1/2 x 1 7/16 in.	3 in.	Brass	Wrought Brass or Bronze	19 1/2 lbs.

When wanted with Roller-Bearing Axles, prefix AF to number.

When wanted with Ball-Bearing Axles prefix BB to number.

†Furnished to order with Galvanized Wheels.

Nos. 70 1/2 to 72 1/2, without screws; others with screws.

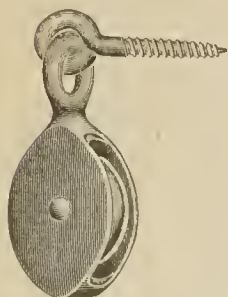
Specify Number and Finish.

Finishes described on pages 16 to 18.

One dozen in a box.

Awning Pulleys

Illustrations One-quarter Size



02758, 02758 1/2



2758, 2758 1/2



2768, 2768 1/2



2759, 2759 1/2



2769, 2769 1/2

02758
Cast Iron, Japanned
With Wrought Steel Screw Eye

Size	Weight, Dozen	Size	Weight, Dozen
1/2 in.	1 lbs.	1 in.	2 7/8 lbs.
3/4 in.	1 3/4 lbs.	1 1/2 in.	4 3/4 lbs.

02758 1/2
Cast Iron, Galvanized
With Brass Screw Eye and Axle

Size	Weight, Dozen	Size	Weight, Dozen
1/2 in.	1 lbs.	1 in.	2 1/4 lbs.
3/4 in.	1 3/4 lbs.	1 1/2 in.	4 3/4 lbs.

2758
Cast Iron, Japanned

Size	Weight, Dozen	Size	Weight, Dozen
1/2 in.	3/4 lbs.	1 1/2 in.	4 1/8 lbs.
3/4 in.	1 1/2 lbs.	2 in.	9 5/8 lbs.
1 in.	1 7/8 lbs.	2 1/2 in.	16 5/8 lbs.

2758 1/2
Cast Iron, Galvanized

Size	Weight, Dozen	Size	Weight, Dozen
1/2 in.	3/4 lbs.	1 1/2 in.	4 lbs.
3/4 in.	1 1/2 lbs.	2 in.	9 5/8 lbs.
1 in.	1 7/8 lbs.	2 1/2 in.	17 3/8 lbs.

2768
Cast Iron, Japanned
With Malleable Iron Swivel Eye

Size	Weight, Dozen	Size	Weight, Dozen
1/2 in.	7/8 lbs.	1 1/2 in.	4 3/8 lbs.
3/4 in.	1 1/2 lbs.	2 in.	8 3/4 lbs.
1 in.	2 lbs.		

2768 1/2
Cast Iron, Galvanized
With Malleable Iron Swivel Eye

Size	Weight, Dozen	Size	Weight, Dozen
1/2 in.	3/4 lbs.	1 1/2 in.	4 1/4 lbs.
3/4 in.	1 1/2 lbs.	2 in.	8 3/4 lbs.
1 in.	2 lbs.		

2759
Cast Iron, Japanned

Size	Weight, Dozen	Size	Weight, Dozen
3/4 in.	2 1/4 lbs.	2 in.	16 1/2 lbs.
1 in.	3 1/2 lbs.	2 1/2 in.	26 1/4 lbs.
1 1/2 in.	7 3/8 lbs.		

2759 1/2
Cast Iron, Galvanized

Size	Weight, Dozen	Size	Weight, Dozen
3/4 in.	2 3/8 lbs.	2 in.	16 1/4 lbs.
1 in.	3 3/8 lbs.	2 1/2 in.	27 lbs.
1 1/2 in.	7 1/4 lbs.		

2769
Cast Iron, Japanned
With Malleable Iron Swivel Eye

Size	Weight, Dozen	Size	Weight, Dozen
1/2 in.	1 1/8 lbs.	1 1/2 in.	6 3/8 lbs.
3/4 in.	2 1/4 lbs.	2 in.	14 1/2 lbs.
1 in.	3 lbs.		

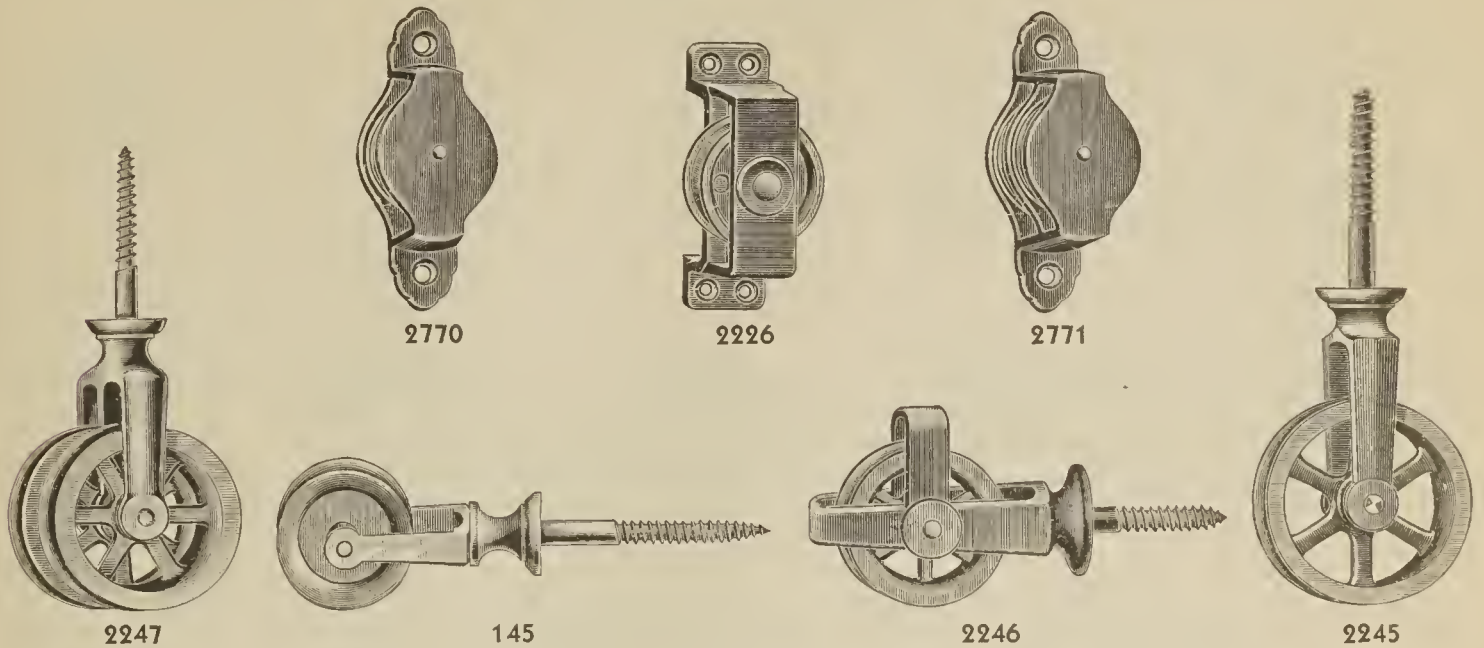
2769 1/2
Cast Iron, Galvanized
With Malleable Iron Swivel Eye

Size	Weight, Dozen	Size	Weight, Dozen
1/2 in.	1 1/4 lbs.	1 1/2 in.	7 5/8 lbs.
3/4 in.	2 3/8 lbs.	2 in.	13 3/4 lbs.
1 in.	3 lbs.		

Sizes 1 1/2 in. and smaller, one dozen; larger, half dozen in a box.

Side and Screw Pulleys

Illustrations One-half Size



Side Pulleys

2770, Single Wheel
Cast Iron, Japanned

2771, Double Wheel
Cast Iron, Japanned

Size	Weight, Dozen	Size	Weight, Dozen	Size	Weight, Dozen	Size	Weight, Dozen
$\frac{3}{4}$ in.	1 $\frac{1}{4}$ lbs.	2 in.	4 $\frac{3}{4}$ lbs.	1 in.	1 $\frac{1}{2}$ lbs.	2 in.	7 $\frac{3}{8}$ lbs.
1 in.	1 $\frac{1}{2}$ lbs.	2 $\frac{1}{2}$ in.	9 $\frac{1}{2}$ lbs.	1 $\frac{1}{2}$ in.	4 $\frac{1}{4}$ lbs.	2 $\frac{1}{2}$ in.	16 $\frac{1}{2}$ lbs.
1 $\frac{1}{2}$ in.	2 $\frac{3}{4}$ lbs.						

1 $\frac{1}{2}$ inch and smaller, two dozen; 2 inch, one dozen; 2 $\frac{1}{2}$ inch, half dozen in a box, without screws.

Side Sash Pulley For Counter Balanced Sash Combination Groove Wheel for Cord or Chain

Number	Size	Diam. Wheel	Material	Frame Material	Weight, Dozen
2226	5 $\frac{3}{4}$ x 1 $\frac{1}{2}$ in.	2 $\frac{1}{2}$ in.	Iron, Turned	Cast Iron, Japanned	13 $\frac{1}{2}$ lbs.

One dozen in a box, without screws.

Screw Pulleys Wrought Steel Screws

145, Single Wheel
Cast Brass, Polished

2245, Single Wheel
Cast Iron, Japanned

Size	Weight, Dozen	Size	Weight, Dozen	Size	Weight, Dozen
$\frac{1}{2}$ in.	$\frac{5}{8}$ lb.	$\frac{3}{4}$ in.	$\frac{3}{4}$ lb.	2 $\frac{1}{2}$ in.	4 lbs.
$\frac{3}{4}$ in.	1 lb.	1 in.	1 $\frac{1}{8}$ lbs.	3 in.	5 $\frac{5}{8}$ lbs.
1 in.	1 $\frac{1}{4}$ lbs.	1 $\frac{1}{2}$ in.	1 $\frac{1}{2}$ lbs.	4 in.	22 $\frac{1}{2}$ lbs.
		2 in.	2 lbs.		

One dozen in a box.

2 inch and smaller, two dozen; 2 $\frac{1}{2}$ and 3 inch one dozen, others one-third dozen in a box.

2246, Single Wheel
Cast Iron, Japanned

2247, Double Wheel
Cast Iron, Japanned

Size	Weight, Dozen	Size	Weight, Dozen	Size	Weight, Dozen
1 $\frac{1}{2}$ in.	2 $\frac{1}{8}$ lbs.	2 in.	3 $\frac{1}{2}$ lbs.	1 $\frac{3}{4}$ in.	3 $\frac{1}{8}$ lbs.

One dozen in a box.

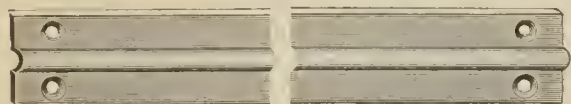
One dozen in a box.

Sliding Door Rail, Sash Rollers and Shutter Sheaves

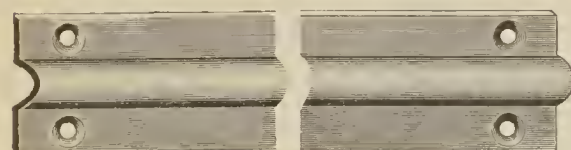
Illustrations One-quarter Size



990 $\frac{1}{8}$, 990 $\frac{1}{4}$



491, 491 $\frac{1}{4}$, 990 $\frac{1}{2}$



990, 990 $\frac{3}{4}$



2, 3, 5, 102
Sash Rollers



100 to 101 $\frac{1}{2}$



02, 03



01



1, 2



19

Sliding Door Rail

Number	Width	Description	Weight, per 100 feet
990 $\frac{1}{8}$	$\frac{3}{16}$ in.	Wrought Brass (Half Round)	5 lbs.
990 $\frac{1}{4}$	$\frac{1}{4}$ in.	Wrought Brass (Half Round)	9 lbs.
990 $\frac{1}{2}$	$\frac{3}{4}$ in.	Wrought Brass	10 $\frac{1}{4}$ lbs.
990 $\frac{3}{4}$	1 $\frac{1}{8}$ in.	Wrought Brass	26 lbs.
990	1 $\frac{1}{8}$ in.	Wrought Steel Brass Plated	19 lbs.
491	$\frac{3}{4}$ in.	Wrought Steel Bright	8 $\frac{1}{2}$ lbs.
491 $\frac{1}{4}$	$\frac{3}{4}$ in.	Wrought Steel Brass Plated	8 $\frac{1}{2}$ lbs.

State Length Wanted.

Nos. 990 $\frac{1}{8}$ -990 $\frac{1}{4}$ Furnished in 3-4-5 or 6-foot lengths. Nos. 990-990 $\frac{1}{2}$ -990 $\frac{3}{4}$ Furnished in 4-5-6 or 8-foot lengths.

Nos. 491-491 $\frac{1}{4}$ Furnished in 3-4-5-6-8 or 10-foot lengths.

Twelve pieces in a bundle, without screws.

Sash Rollers

Number	Frame Size	Frame Material	Wheel Diameter	Width	Material	Weight, Gross
2	1 $\frac{5}{8}$ x 1 $\frac{1}{16}$ in.	Cast Iron, Japanned	$\frac{9}{16}$ in.	$\frac{7}{16}$ in.	Steel	10 $\frac{1}{2}$ lbs.
3	2 $\frac{1}{8}$ x $\frac{7}{8}$ in.	Cast Iron, Japanned	1 $\frac{3}{16}$ in.	$\frac{1}{2}$ in.	Steel	22 lbs.
5	2 x 1 $\frac{1}{8}$ in.	Cast Iron, Japanned	1 $\frac{5}{16}$ in.	$\frac{5}{8}$ in.	Steel	37 $\frac{3}{4}$ lbs.
102	1 $\frac{3}{4}$ x $\frac{3}{4}$ in.	Cast Brass	$\frac{5}{8}$ in.	$\frac{1}{2}$ in.	Brass	12 $\frac{1}{2}$ lbs.

Nos. 5, 102, quarter gross; 2, 3, half gross in a box, with screws.

Shutter Sheaves

Astragal Face

Number	Front, Size	Frame Material	Wheel Thickness	Diam.	Material	Can be Used on Rail	Weight, Dozen
1	3 $\frac{3}{4}$ x 1 $\frac{5}{16}$ in.	Japanned Iron	$\frac{3}{8}$ in.	1 $\frac{3}{4}$ in.	Iron	990 $\frac{1}{2}$	4 $\frac{1}{8}$ lbs.
01	2 $\frac{1}{2}$ x $\frac{3}{4}$ in.	Japanned Iron	$\frac{5}{8}$ in.	$\frac{7}{8}$ in.	Brass	491, 990 $\frac{1}{4}$, 990 $\frac{1}{2}$	1 $\frac{7}{8}$ lbs.
2	3 $\frac{3}{4}$ x 1 $\frac{5}{16}$ in.	Japanned Iron	$\frac{3}{8}$ in.	1 $\frac{3}{4}$ in.	Brass	990 $\frac{3}{4}$	3 $\frac{7}{8}$ lbs.
19*	3 $\frac{3}{8}$ x 1 $\frac{3}{16}$ in.	Japanned Iron	$\frac{3}{8}$ in.	1 $\frac{3}{4}$ in.	Brass	990 $\frac{3}{4}$	3 $\frac{1}{2}$ lbs.

*With anti-friction roller bearings. One dozen in a box, with screws.

Flat Face

02†	2 $\frac{3}{4}$ x $\frac{9}{16}$ in.	Japanned Iron	$\frac{9}{32}$ in.	1 $\frac{1}{4}$ in.	Brass	491, 491 $\frac{1}{4}$, 990 $\frac{1}{4}$, 990 $\frac{1}{2}$	1 $\frac{3}{4}$ lbs.
02†	3 $\frac{1}{8}$ x $\frac{5}{8}$ in.	Japanned Iron	$\frac{5}{16}$ in.	1 $\frac{1}{2}$ in.	Brass	990 $\frac{1}{2}$	2 $\frac{3}{8}$ lbs.
03†	2 $\frac{3}{4}$ x $\frac{9}{16}$ in.	Japanned Iron	$\frac{9}{32}$ in.	1 $\frac{1}{4}$ in.	Iron	491, 491 $\frac{1}{4}$, 990 $\frac{1}{4}$, 990 $\frac{1}{2}$	1 $\frac{5}{8}$ lbs.
03†	3 $\frac{1}{8}$ x $\frac{5}{8}$ in.	Japanned Iron	$\frac{5}{16}$ in.	1 $\frac{1}{2}$ in.	Iron	990 $\frac{1}{2}$	2 $\frac{1}{4}$ lbs.
100	1 $\frac{5}{8}$ x $\frac{3}{8}$ in.	†Wrought Steel	$\frac{1}{4}$ in.	$\frac{5}{8}$ in.	Iron	990 $\frac{1}{8}$, 990 $\frac{1}{2}$	$\frac{1}{2}$ lbs.
100 $\frac{1}{2}$	1 $\frac{5}{8}$ x $\frac{3}{8}$ in.	†Wrought Steel	$\frac{1}{4}$ in.	$\frac{5}{8}$ in.	Brass	990 $\frac{1}{8}$, 990 $\frac{1}{2}$	$\frac{1}{2}$ lbs.
101 $\frac{1}{2}$	1 $\frac{5}{8}$ x $\frac{3}{8}$ in.	Wrought Brass	$\frac{1}{4}$ in.	$\frac{5}{8}$ in.	Brass	990 $\frac{1}{8}$, 990 $\frac{1}{2}$	$\frac{1}{2}$ lbs.

†Unfinished.

One dozen in a box, with screws.

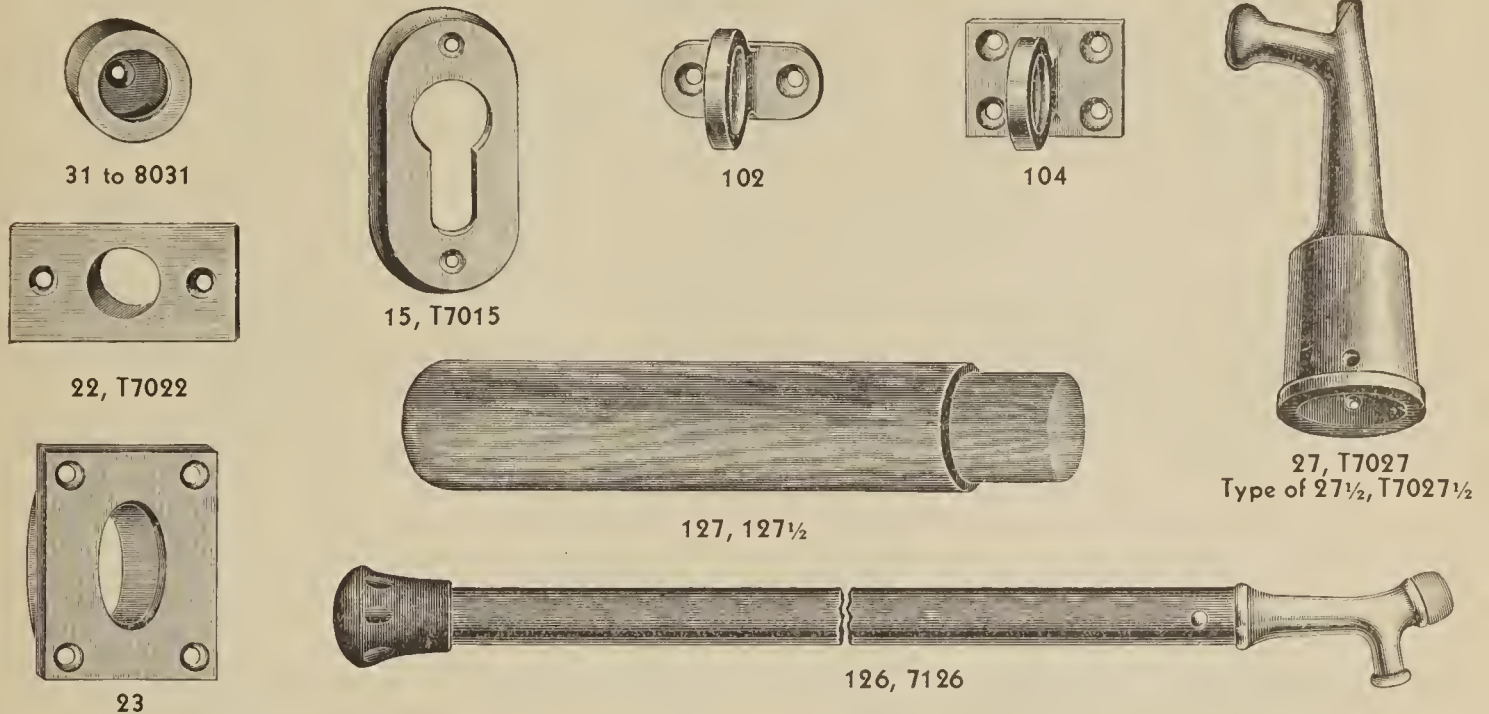
‡When ordering Nos. 02 and 03, specify size of wheel wanted.

All numbers, including Japanned, packed with screws.

Sash Pull Sockets and Poles

Transom Eyes, Pull Down Hooks, Pole Hangers

Illustrations One-half Size



Sash Pull Sockets

Number	Size	Description	Weight, Dozen
22	1 x 2 in.	Cast Brass or Bronze, Polished	1 1/4 lbs.
23	1 1/2 x 2 in.	Cast Brass or Bronze, Polished	1 5/8 lbs.
31	1 in.	Wrought Brass or Bronze, Polished	1/2 lbs.
031	1 in.	Cast Brass or Bronze, Polished	7/8 lbs.
T7022	1 x 2 in.	Cast Iron	1 1/8 lbs.
T7031	1 in.	Wrought Steel	1/2 lbs.
8031	1 in.	Wrought Steel, Kahala	1/2 lbs.

Nos. 22, 23, T7022 one dozen; others, two dozen in a box, with screws.

Transom Eyes

Diameter of Eye, 5/8 in.

102	5/8 x 1 1/2 in.	Cast Brass or Bronze, Polished	7/8 lbs.
104	1 x 1 3/8 in.	Cast Brass or Bronze, Polished	1 1/4 lbs.

Three dozen in a box, with screws.

Pull Down Hooks

27	3 3/4 x 1 1/4 in.	Cast Brass or Bronze, Polished	3 5/8 lbs.
27 1/2 †	4 3/4 x 1 1/4 in.	Cast Brass or Bronze, Polished	5 lbs.
T7027	3 3/4 x 1 1/4 in.	Cast Iron	3 lbs.
T7027 1/2 †	4 3/4 x 1 1/4 in.	Cast Iron	4 1/8 lbs.

† With deep socket and extra screws. Half dozen in a box, with screws.

Pole Hangers

15	2 3/8 x 1 1/8 in.	Cast Brass or Bronze, Polished	1 1/4 lbs.
T7015	2 3/8 x 1 1/8 in.	Cast Iron	1 1/4 lbs.

One dozen in a box, with screws.

Steel Poles With Pull Down Hooks

126	3/4 in. Diam. Tubing	With Cast Brass or Bronze Hook	
7126	3/4 in. Diam. Tubing	With Malleable Iron, Plated Hook	

Furnished in 4, 5, 6, 8, 10 and 12 Foot Lengths. Lower End of Pole equipped with Removable Rubber Tip.

Sash Pull Poles

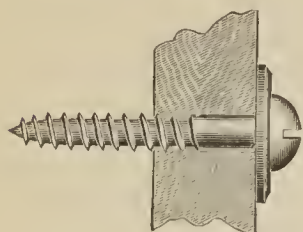
127	1 1/4 in. diam.	Turned Oak, for Hooks Nos. 27, T7027
127 1/2	1 1/4 in. diam.	Turned Oak, for Hooks Nos. 27 1/2, T7027 1/2

Furnished in 4, 6, 8 and 10 foot lengths.

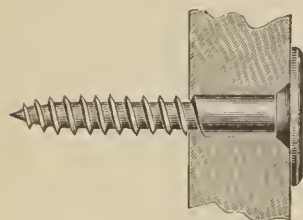
Specify Number, Size and Finish.

Finishes described on pages 16 to 18.

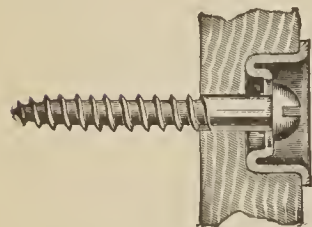
Stop Bead Screws, Shutter Fastener or Turnbuckle



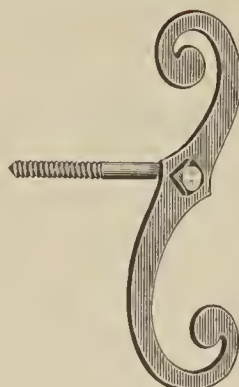
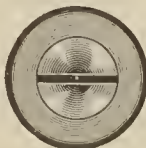
8, 28, 7028



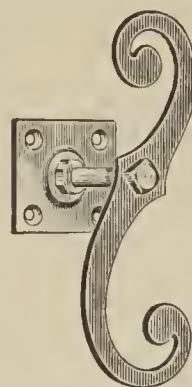
120, 7120



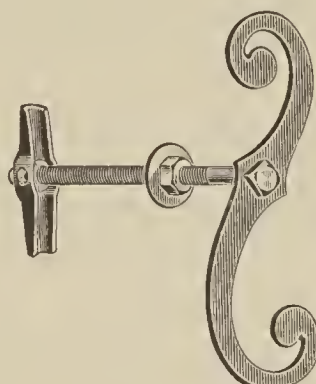
283, 284, 7284



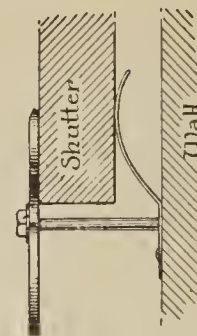
75, 76



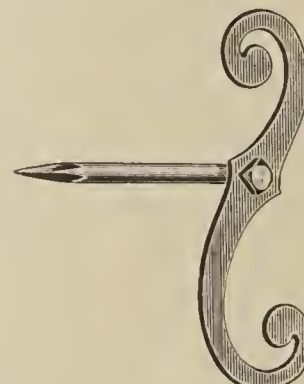
71, 72



73, 74



ANTI-RATTLE SPRING
PHOSPHOR BRONZE
Suffix ½ to Number when
Spring is Required.



77, 78

Stop Bead Screws For Window and Door Stops

Number	Screw	Description	Weight, Gross
284	1 in. No. 8	Bronze Screw, Bronze Washer	1 7/8 lbs.
28	1 1/4 in. No. 8	Bronze Screw, Bronze Washer	1 7/8 lbs.
120	1 1/4 in. No. 8	Bronze Screw, Bronze Washer	1 5/8 lbs.
283	1 in. No. 8	Steel Screw, Bronze Washer	1 3/4 lbs.
7284	1 in. No. 8	Steel Screw, Steel Washer	1 3/4 lbs.
7028	1 1/4 in. No. 8	Steel Screw, Steel Washer	1 3/4 lbs.
7120	1 1/4 in. No. 8	Steel Screw, Steel Washer	1 1/2 lbs.
8	1 1/4 in. No. 8	Steel Screw, Steel Washer, Blued	1 7/8 lbs.

One gross in box, twelve gross in fibre container.

Shutter Fastener or Turnbuckle

Number	Size Plate	Description	Weight, Dozen Pair
71	6 3/4 in.	Wrought Steel, Cadmium Plated, Dead Black, with 2 x 2 in. Adjustable Plate	6 3/4 lbs.
72	6 3/4 in.	Wrought Steel, Cadmium Plated, with 2 x 2 in. Adjustable Plate	6 3/4 lbs.
73	6 3/4 in.	Wrought Steel, Cadmium Plated, Dead Black, with 6 in. Toggle Bolt	6 3/4 lbs.
74	6 3/4 in.	Wrought Steel, Cadmium Plated, with 6 in. Toggle Bolt	6 3/4 lbs.
75	6 3/4 in.	Wrought Steel, Cadmium Plated, Dead Black, with 4 in. Lag Screw	6 3/4 lbs.
76	6 3/4 in.	Wrought Steel, Cadmium Plated, with 4 in. Lag Screw	6 3/4 lbs.
77	6 3/4 in.	Wrought Steel, Cadmium Plated, Dead Black, with 5 in. Drive Pin	6 3/4 lbs.
78	6 3/4 in.	Wrought Steel, Cadmium Plated, with 5 in. Drive Pin	6 3/4 lbs.

Packed one dozen pair in a box. Weight 7 lbs.

Specify Number and Finish.

Finishes described on pages 16 to 18.

Door Stops

Wall and Floor Type—With Rubber Tips

Illustrations One-third Size



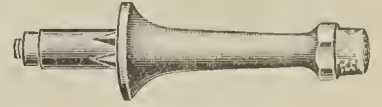
201, 7201, T7201



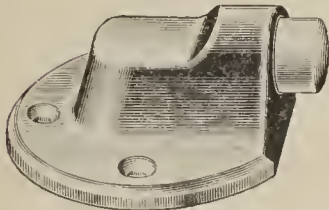
202



203, T203, 7203, T7203
Type of
205, T205, 7205, T7205



223-7223



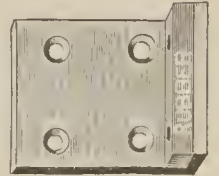
282
282½ with Expansion Shield



213, T7213

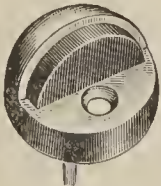


214, T7214



012

Dome Type Floor Stops with Tamper Proof Rubbers



209
209½ with
Expansion Shield

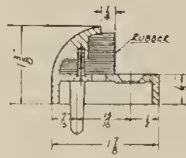
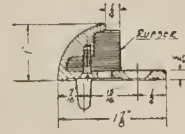


Diagram Showing
Application of Rubber



210
210½ with
Expansion Shield

Number	Base	Projection	Description	Weight, Dozen
012	2 x 1¾ in.	Flush	Cast Brass or Bronze, Polished, with Wood Screws	2¼ lbs.
201	1 in.	2½ in.	Cast Brass or Bronze, Polished, with Screw for Wood	1⅜ lbs.
202	1½ in.	3⅝ in.	Cast Brass or Bronze, Polished, with Wood Screws	3¼ lbs.
203	1⅛ in.	3 in.	Cast Brass or Bronze, Polished, with Screw (¾ in. long) for Wood	2 lbs.
T203	1⅛ in.	3 in.	Cast Brass or Bronze, with Screw (¾ in. long) for Wood	2 lbs.
205	1⅛ in.	3 in.	Cast Brass or Bronze, Polished, with Screw (1¼ in. long) for Wood	2¼ lbs.
T205	1⅛ in.	3 in.	Cast Brass or Bronze, with Screw (1¼ in. long) for Wood	2¼ lbs.
209	1⅞ in.	1⅜ in.	Polished, with Wood Screws (For Doors Without Threshold)	4 lbs.
209½	1⅞ in.	1⅜ in.	Polished, with Wood Screws and Expansion Shields (For Doors Without Threshold)	4½ lbs.
210	1⅞ in.	1 in.	Polished, with Wood Screws (For Doors With Threshold)	3¼ lbs.
210½	1⅞ in.	1 in.	Polished, with Wood Screws and Expansion Shields (For Doors With Threshold)	3¾ lbs.
213	1½ in.	1⅛ in.	Polished, with Wood Screws	2 lbs.
214	1½ in.	1⅛ in.	Polished, with Screw for Wood	2¼ lbs.
223	1⅛ in.	3¼ in.	Cast Brass or Bronze, Polished, with Expansion Bolt	4⅝ lbs.
282	4 in.	2 in.	Polished, Wood Screws	24 lbs.
282½	4 in.	2 in.	Polished, with Expansion Bolt, One Screw and Expansion Shield	27 lbs.
7201	1 in.	2½ in.	Cast Iron, Polished, with Screw for Wood	1⅜ lbs.
T7201	1 in.	2½ in.	Cast Iron, with Screw for Wood	1⅜ lbs.
7203	1⅛ in.	3 in.	Cast Iron, Polished, with Screw (¾ in. long) for Wood	1¾ lbs.
T7203	1⅛ in.	3 in.	Cast Iron, with Screw (¾ in. long) for Wood	1¾ lbs.
7205	1⅛ in.	3 in.	Cast Iron, Polished, with Screw (1¼ in. long) for Wood	2 lbs.
T7205	1⅛ in.	3 in.	Cast Iron, with Screw (1¼ in. long) for Wood	2 lbs.
T7213	1½ in.	1⅛ in.	Cast Iron, with Wood Screws	1⅝ lbs.
T7214	1½ in.	1⅛ in.	Cast Iron, with Screw for Wood	3¼ lbs.
7223	1⅛ in.	3¼ in.	Cast Iron, Polished, with Expansion Bolt	4⅝ lbs.

Special Projections: No. 202, 1¾, 2⅝, 3, 4⅝, 5, 7⅝, and 10 in. No. 203, 2, 4¼, 4⅞, 5⅝, 6, 6⅝ and 8 in.
No. 012, 209, 210, six; others, one dozen in a box with screws. Nos. 213, 214, T7213, T7214, twelve dozen in fibre container.
Specify Number and Finish. Finishes described on pages 16 to 18.

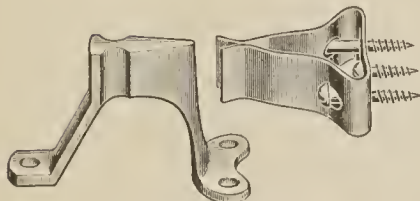
Door Stops and Holders

Wall and Floor Type

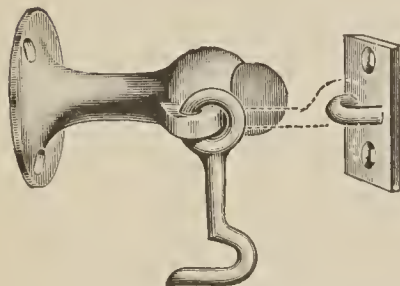
Illustrations One-third Size



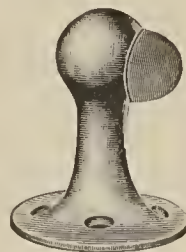
111, 2111, 7111



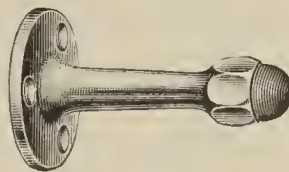
112, 2112, 7112



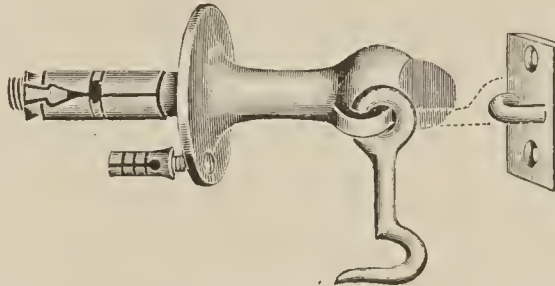
155, Right Hand



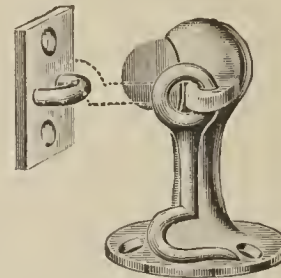
150 1/2
151 1/2 with Expansion Bolt



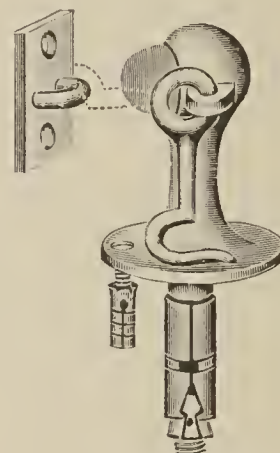
165 1/2
166 1/2 with Expansion Bolt



156, Right Hand



150, Left Hand



151, Left Hand

Cast Brass or Bronze

Number		Base	Height or Projection	Description	Weight, Dozen
150	Specify hand	2 1/2 in.	3 1/2 in.	For Wood with Screws	15 1/4 lbs.
150 1/2		2 1/2 in.	3 in.	For Wood with Screws	11 1/4 lbs.
151	Specify hand	2 1/2 in.	3 1/2 in.	For Tile or Cement with Expansion Bolt and One Screw	16 1/2 lbs.
151 1/2		2 1/2 in.	3 in.	For Tile or Cement with Expansion Bolt and One Screw	13 lbs.
155	Specify hand	2 1/2 in.	3 1/2 in.	For Wood with Screws	15 1/4 lbs.
156	Specify hand	2 1/2 in.	3 1/2 in.	For Tile or Cement with Expansion Bolt and One Screw	16 1/2 lbs.
165 1/2		2 1/4 in.	3 5/8 in.	For Wood with Screws	7 lbs.
166 1/2		2 1/4 in.	3 5/8 in.	For Tile or Cement with Expansion Bolt	9 lbs.

One in a box, with screws. Nos. 165 1/2, 166 1/2 one-half dozen in a box with screws.

Cast Brass, Bronze and Iron

Number	Base		Clip		
	Material	Size	Material	Size	Weight, Dozen
111	Cast Brass or Bronze	1 ⁷ / ₈ x ⁷ / ₈ in.	Wrought Brass or Bronze	2 ¹ / ₄ x ³ / ₄ in.	3 ³ / ₄ lbs.
7111	Cast Iron	1 ⁷ / ₈ x ⁷ / ₈ in.	Wrought Steel	2 ¹ / ₄ x ³ / ₄ in.	3 ⁵ / ₈ lbs.
2111	Cast Iron	1 ⁷ / ₈ x ⁷ / ₈ in.	Wrought Steel, Japanned	2 ¹ / ₄ x ³ / ₄ in.	3 ⁵ / ₈ lbs.
112	Cast Brass or Bronze	3 ¹ / ₈ x 1 ³ / ₄ in.	Wrought Brass or Bronze	2 ¹ / ₄ x ³ / ₄ in.	4 ³ / ₄ lbs.
7112	Cast Iron	3 ¹ / ₈ x 1 ³ / ₄ in.	Wrought Steel	2 ¹ / ₄ x ³ / ₄ in.	4 ¹ / ₂ lbs.
2112	Cast Iron	3 ¹ / ₈ x 1 ³ / ₄ in.	Wrought Steel, Japanned	2 ¹ / ₄ x ³ / ₄ in.	4 ⁵ / ₈ lbs.

All numbers, including Japanned, packed with screws.

One dozen in a box, with screws.

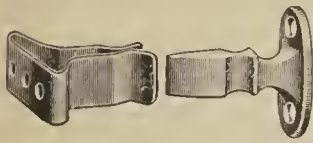
Specify Number and Finish.

Nos. 111, 2111, 7111 twelve dozen in a fibre container.

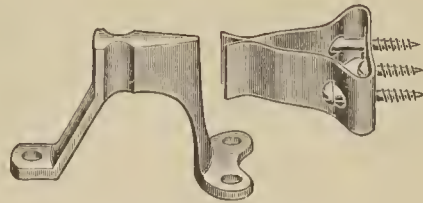
Finishes described on pages 16 to 18.

Door Stops and Holders

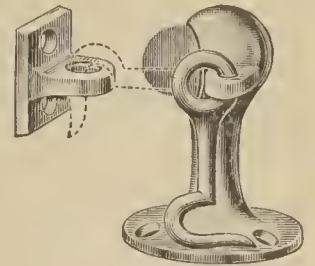
Illustrations One-third Size



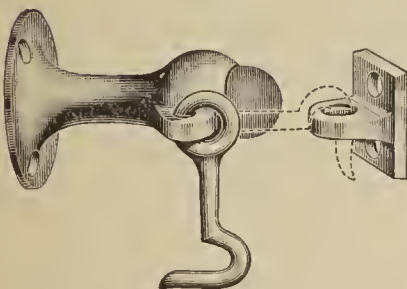
111, 2111, 7111



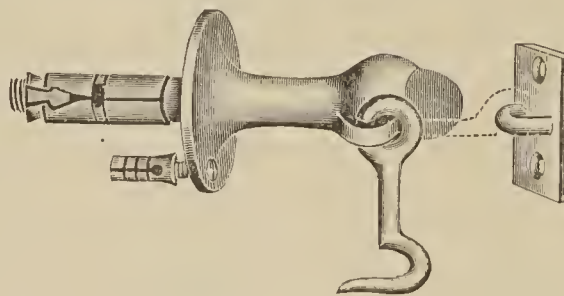
112, 2112, 7112



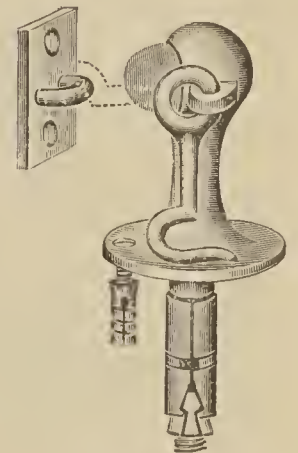
150, Left Hand



155, Right Hand



156, Right Hand



151, Left Hand

Cast Brass or Bronze

Number	Base	Height or Projection	Description	Weight, Dozen
150 Specify hand	2½ in.	3½ in.	For Wood with Screws	15¼ lbs.
151 Specify hand	2½ in.	3½ in.	For Tile or Cement with Expansion Bolt and One Screw	16½ lbs.
155 Specify hand	2½ in.	3½ in.	For Wood with Screws	15¼ lbs.
156 Specify hand	2½ in.	3½ in.	For Tile or Cement with Expansion Bolt and One Screw	16½ lbs.

One in a box, with screws.

Cast Brass, Bronze and Iron

Number	Base		Clip		Weight, Dozen
	Material	Size	Material	Size	
111	Cast Brass or Bronze	1⅞ x ⅞ in.	Wrought Brass or Bronze	2¼ x ¾ in.	3¾ lbs.
7111	Cast Iron	1⅞ x ⅞ in.	Wrought Steel	2¼ x ¾ in.	3⅝ lbs.
2111	Cast Iron	1⅞ x ⅞ in.	Wrought Steel, Japanned	2¼ x ¾ in.	3⅝ lbs.
112	Cast Brass or Bronze	3⅛ x 1¾ in.	Wrought Brass or Bronze	2¼ x ¾ in.	4¾ lbs.
7112	Cast Iron	3⅛ x 1¾ in.	Wrought Steel	2¼ x ¾ in.	4½ lbs.
2112	Cast Iron	3⅛ x 1¾ in.	Wrought Steel, Japanned	2¼ x ¾ in.	4⅝ lbs.

All numbers, including Japanned, packed with screws.

One dozen in a box, with screws.

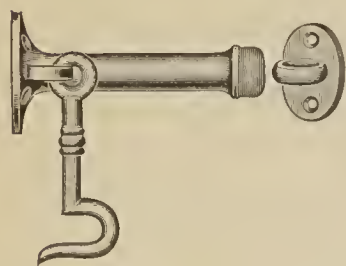
Specify Number and Finish.

Nos. 111, 2111, 7111 twelve dozen in a fibre container.

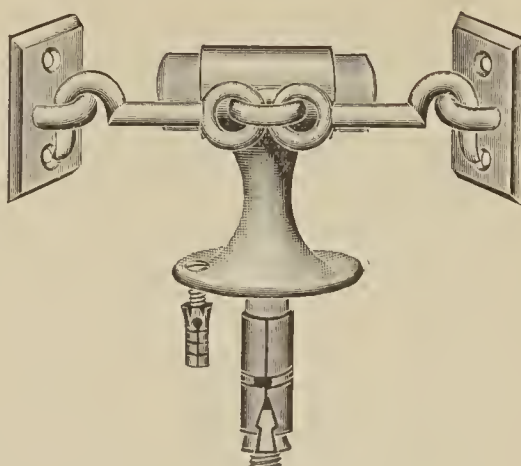
Finishes described on pages 16 to 18.

Door Stops and Holders

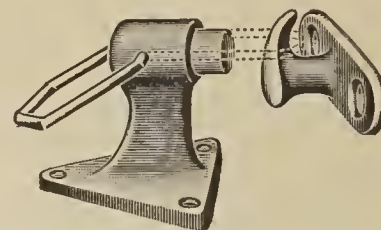
Illustrations One-third Size



244, 245

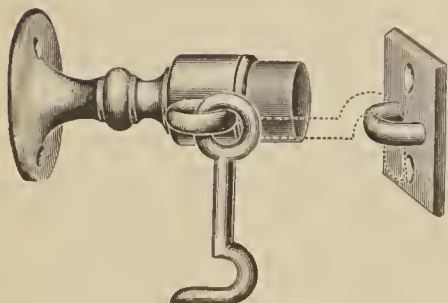


253

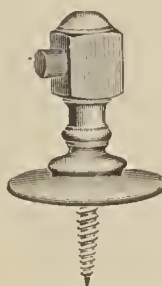


259

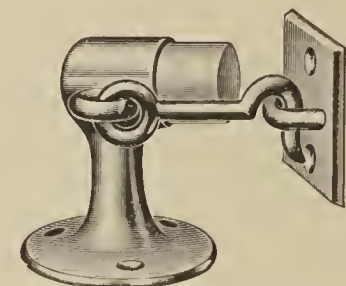
254 with Expansion Shield



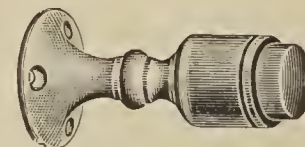
165, Right Hand
166 With Expansion Shield



204



160, Right Hand
161 With Expansion Shield



255 1/2
256 With Expansion Shield

Cast Brass or Bronze

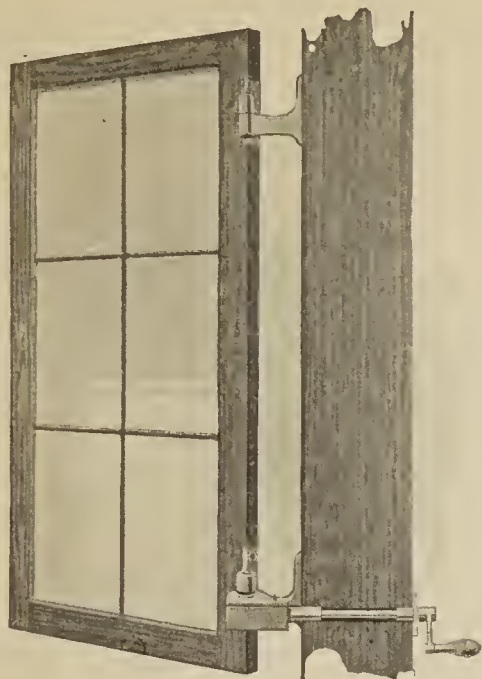
Number	Base	Height or Projection	Description	Weight, Dozen
160 Specify Hand	3 in.	3 1/4 in.	Polished, with Wood Screws	15 1/2 lbs.
161 Specify Hand	3 in.	3 1/4 in.	Pol., with Expansion Bolt, One Screw and Expansion Shield	11 1/4 lbs.
165 Specify Hand	2 3/8 in.	3 3/4 in.	Polished, with Wood Screws	12 1/2 lbs.
166 Specify Hand	2 3/8 in.	3 3/4 in.	Pol., with Expansion Bolt, One Screw and Expansion Shield	14 lbs.
204	2 1/8 in.	2 1/2 in.	Polished, with Screw for Wood	5 7/8 lbs.
244	1 1/2 in.	2 1/2 in.	Polished, with Wood Screws	4 1/8 lbs.
245	1 1/2 in.	3 1/4 in.	Polished, with Wood Screws	4 1/2 lbs.
253	2 5/8 in.	3 1/8 in.	Polished, with Expansion Bolt and One Screw	16 1/2 lbs.
254	2 1/4 x 2 1/8 in.	2 1/4 in.	Polished, with Expansion Bolt and One Screw	10 1/2 lbs.
255 1/2	1 7/8 in.	3 5/8 in.	Polished, with Wood Screws	8 1/2 lbs.
256	1 7/8 in.	3 5/8 in.	For Tile or Cement with Expansion Bolt	15 lbs.
259	2 1/4 x 2 1/8 in.	2 1/4 in.	Polished, with Wood Screws	8 lbs.

Nos. 244, 245, six; others, one in a box, with screws.

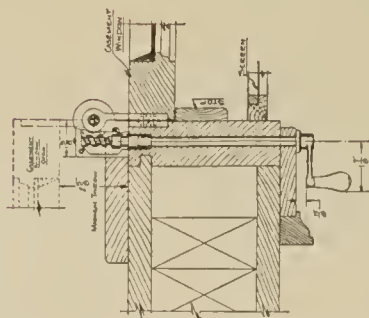
Specify Number and Finish.

Finishes described on pages 16 to 18.

Casement Hinge and Concealed Worker



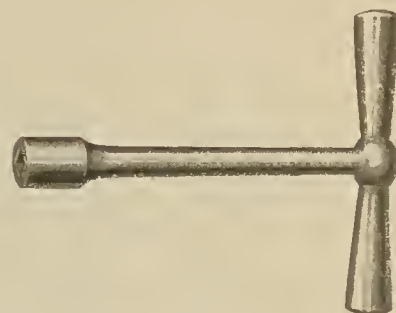
763 and 7063 Applied



Section showing the mechanism and method of application. When a window screen is used the sash can be operated without raising or removing the screen. Regularly furnished with rods 10 $\frac{1}{8}$ in. long. Longer rods furnished to order.



71



74

Type of 76, 78, 80

Casement Hinge and Concealed Worker

Set consists of two top hinges and two workers with handles

Malleable iron, unfinished, except Handles. Furnished with 10 $\frac{1}{8}$ -in. rods. Longer rods can be furnished. Automatically locks at any angle or when closed. Opens sash to an angle of 180 degrees when trim does not project over 2 $\frac{1}{2}$ in. For sash not over 24 in. wide nor more than 5 $\frac{1}{2}$ ft. high. A third (top) hinge should be used on sash over 3 ft. high.

Set No.	Hinge No.	Throw	Handle and Plate	Weight, Set
763*	63	2 $\frac{5}{8}$ in.	Bronze, Polished	6 lbs.
7063*	63	2 $\frac{5}{8}$ in.	Bronze Plated Iron	6 lbs.

Specify hand on single sash. *Can only be furnished with 2 $\frac{5}{8}$ inch throw. Exposed parts can be furnished Electro Galvanized.

One set in a box, with screws.

Parts for Workers

For detail, see page 547.

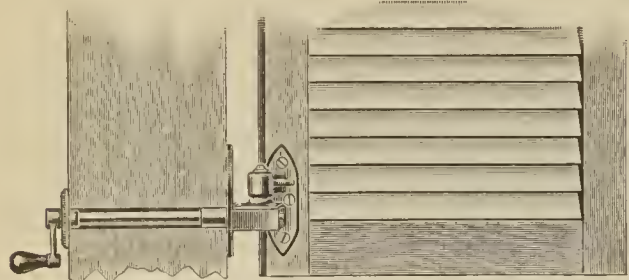
Operating Case Complete, No Rods.
Boxes and Covers Only (No Gears included).
Gear Wheels only.
Gear Worm (no rods).
Bottom Hinge, square eye to use with box.
Bottom "L" Hinge for Blind, for 12 $\frac{1}{2}$, 13 $\frac{3}{4}$ and 14 $\frac{1}{2}$ line.
Top "L" Hinge for Blind and Frame, for 12 $\frac{1}{2}$, 13 $\frac{3}{4}$ and 14 $\frac{1}{2}$ line.
Top Hinge for Blind and Frame.

Iron Handles Bronze Plated (with rod).
Bronze Handles (with rod).
Bronze Handles with 2-in. or 2 $\frac{1}{2}$ -in. offset.
No. 71 Bronze Sockets, for Key Operation.

Bronze "T" Handle Portable Keys for use with No. 71 Sockets. Furnished in the following numbers and sizes:

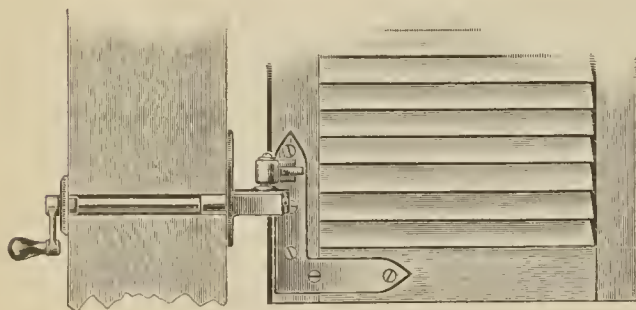
Number	Inch	Number	Inch
74	4	78	8
76	6	80	10

Blind or Shutter Workers



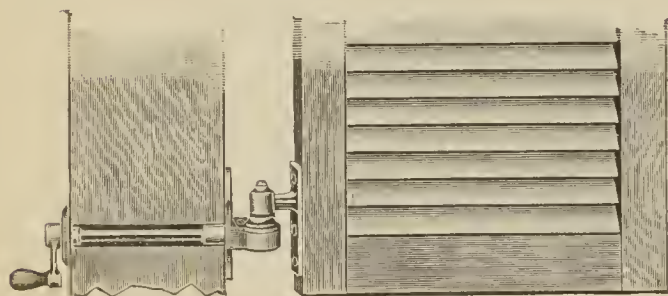
702 1/2 to 708

7002 1/2 to 7008

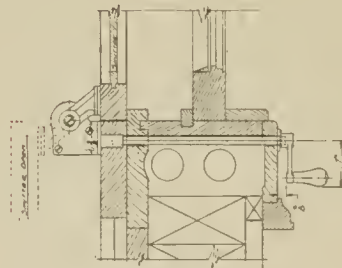


712 1/2 to 715 1/2

7012 1/2 to 7015 1/2

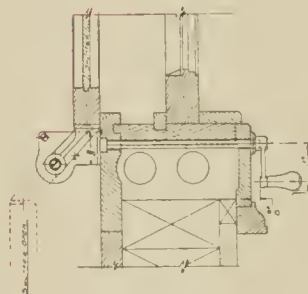


753 3/4—7053 3/4



702 1/2 to 715 1/2

7002 1/2 to 7015 1/2



753 3/4—7053 3/4

Malleable Iron (except Handles), Unfinished.

Furnished with 10 1/8-in. rods. Longer rods can be furnished.

Automatically locks at any angle or when closed.

Set consists of two top hinges and two workers, with handles and plates.

Number With Bronze Handle and Plate	Number With Plated Handle and Plate	Hinge No.	Throw	Weight Set
702 1/2	7002 1/2	02 1/2	2 1/2 in.	6 7/8 lbs.
703 3/4	7003 3/4	03 3/4	3 3/4 in.	5 7/8 lbs.
704 1/2	7004 1/2	04 1/2	4 1/2 in.	6 1/4 lbs.
705 1/2	7005 1/2	05 1/2	5 1/2 in.	6 1/2 lbs.
708	7008	08	8 in.	7 lbs.
712 1/2	7012 1/2	12 1/2	2 1/2 in.	8 lbs.
713 3/4	7013 3/4	13 3/4	3 3/4 in.	7 1/4 lbs.
714 1/2	7014 1/2	14 1/2	4 1/2 in.	8 1/2 lbs.
715 1/2	7015 1/2	15 1/2	5 1/2 in.	9 1/4 lbs.
753 3/4	7053 3/4	53 3/4	3 3/4 in.	5 3/4 lbs.

Can be furnished with Handles having 2 or 2 1/2 in. offset.

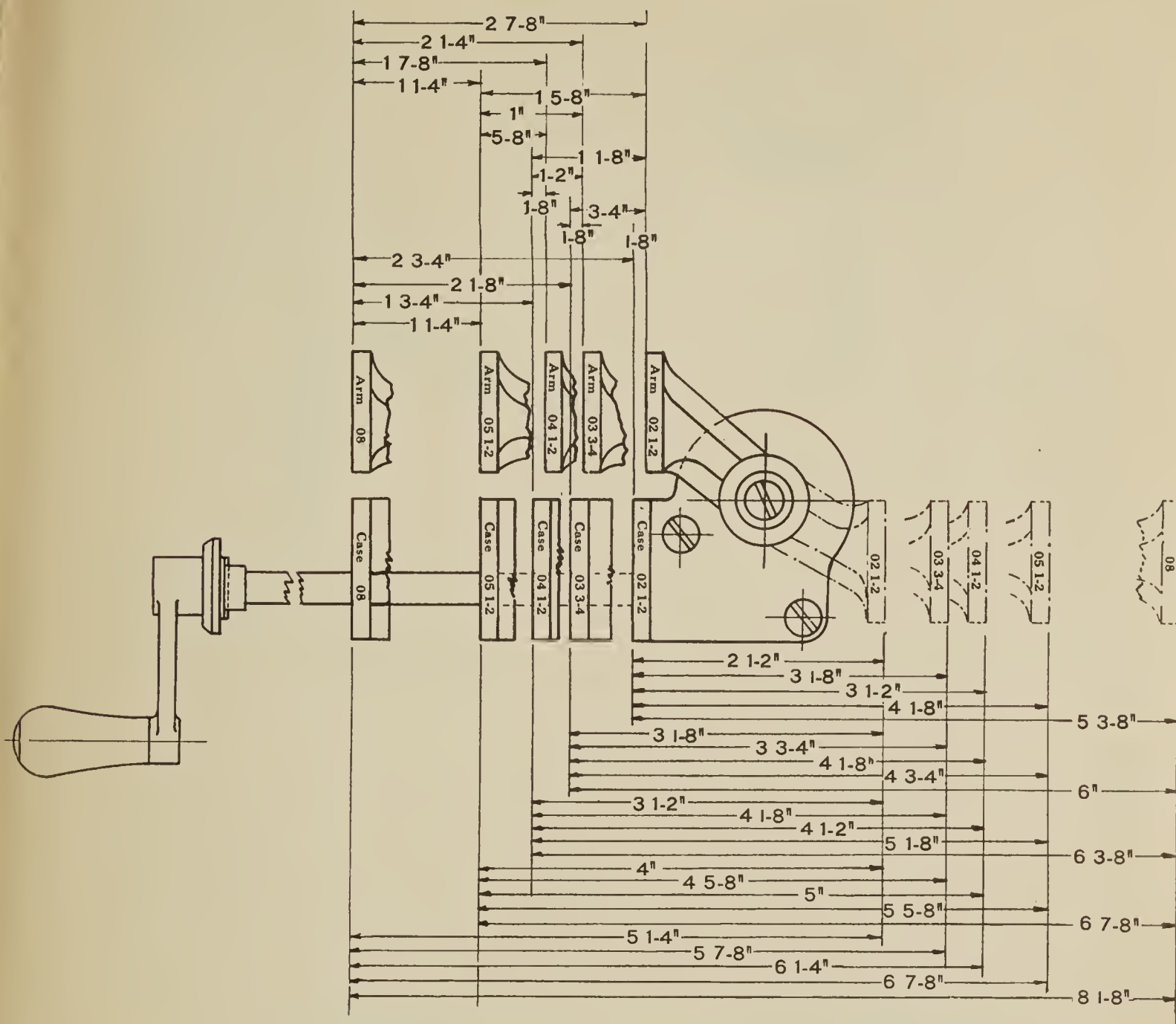
Hinges Nos. 02 1/2 to 14 1/2 are regularly packed with blocking plates 1/8 in. thick for use when the blind is not flush with the casing.

For list of parts, see page 545. One set in a box, with screws. For details of Gear Boxes and Sash Arms, see page 547.

Specify Number and Finish. Finishes described on pages 16 to 18. Specify Finish of Handles and Plates.

Blind or Shutter Workers

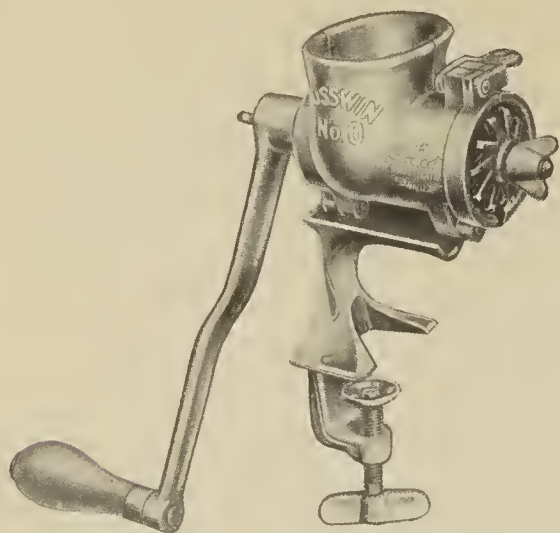
Details of Gear Boxes and Sash Arms



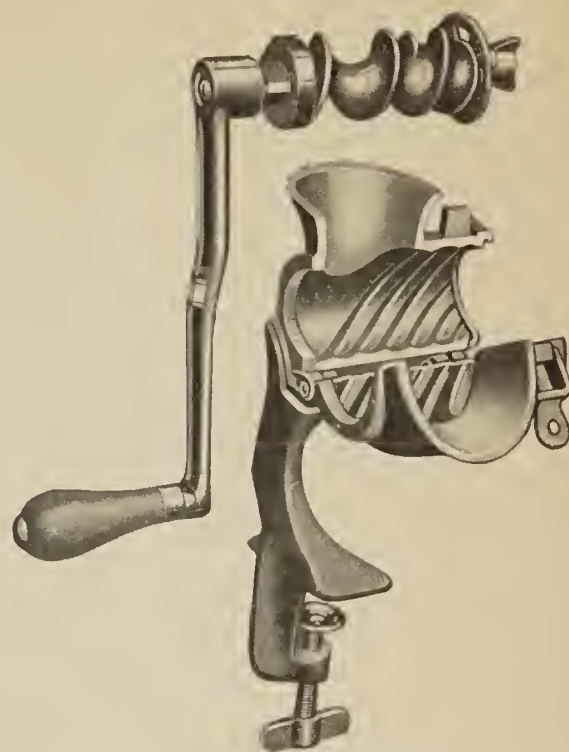
Case Number	Arm Number	Projection or Depression of Blind	For Reveal of
02 1/2	02 1/2	1/8 in. Projection	2 1/2 in.
02 1/2	03 3/4	1/2 in. Depression	3 1/8 in.
02 1/2	04 1/2	7/8 in. Depression	3 1/2 in.
02 1/2	05 1/2	1 1/2 in. Depression	4 1/8 in.
03 3/4	02	3/4 in. Projection	3 1/8 in.
03 3/4	03 3/4	1/8 in. Projection	3 3/4 in.
03 3/4	04 1/2	1/4 in. Depression	4 1/8 in.
03 3/4	05 1/2	7/8 in. Depression	4 3/4 in.
04 1/2	02 1/2	1 1/8 in. Projection	3 1/2 in.
04 1/2	03 3/4	1/2 in. Projection	4 1/8 in.
04 1/2	04 1/2	1/8 in. Projection	4 1/2 in.
04 1/2	05 1/2	1/2 in. Depression	5 1/8 in.
05 1/2	02 1/2	1 5/8 in. Projection	4 in.
05 1/2	03 3/4	1 in. Projection	4 5/8 in.
05 1/2	04 1/2	5/8 in. Projection	5 in.
05 1/2	05 1/2	Flush	5 5/8 in.
08	08	Flush	8 1/8 in.

Food Cutters

Patented



0 to 3



Illustrating the cutter, with case opened and the worm removed, ready for quick and thorough cleaning. The case has been unlatched and opened, the worm, with the disc and cutter still in position, has been removed and every corner and crevice is open and accessible.

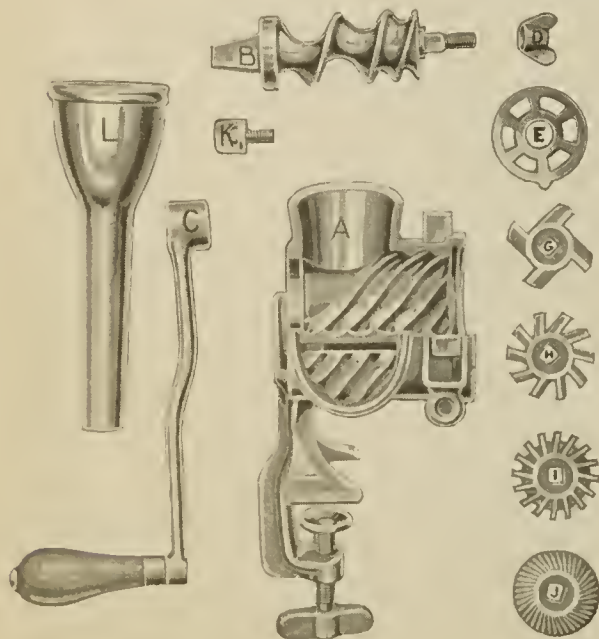
No.	Case	Size Hopper	Height Above Table	*Capacity	Weight, Each
0	3 x 2 in.	2 ⁷ / ₈ x 2 ¹ / ₄ in.	2 ¹ / ₈ in.	1 ¹ / ₂ lbs.	4 ¹ / ₄ lbs.
1	3 ¹ / ₂ x 2 ¹ / ₄ in.	3 x 2 ¹ / ₂ in.	2 ¹ / ₈ in.	2 lbs.	5 ¹ / ₄ lbs.
2	3 ¹ / ₂ x 2 ¹ / ₄ in.	3 ⁵ / ₈ x 2 ³ / ₄ in.	2 ⁷ / ₈ in.	3 lbs.	5 ³ / ₄ lbs.
3	4 ¹ / ₄ x 2 ¹ / ₂ in.	4 ³ / ₈ x 3 in.	3 in.	5 lbs.	8 ¹ / ₄ lbs.

*Pounds of meat cut per minute.

One-twelfth dozen in a box.

Case Quantities

Number	Quantity	Weight	Case Size
0	6	32 lbs.	15 x 14 x 11 in.
1	6	35 lbs.	20 ¹ / ₂ x 11 x 8 in.
2	6	40 lbs.	19 x 12 x 9 in.
3	6	48 lbs.	23 x 14 x 10 in.



Food Cutter Parts

Part No.	Name	Part No.	Name
A	Case	H	10 Tooth Cutter
B	Worm	I	16 Tooth Cutter
C	Crank	J	Nut Butter Cutter
D	Nut	K	Screw
E	Disc	L	Stuffer (for 1 and 2 only)
F	Loop Clamp	M	Clamp Screw
G	4 Tooth Cutter		

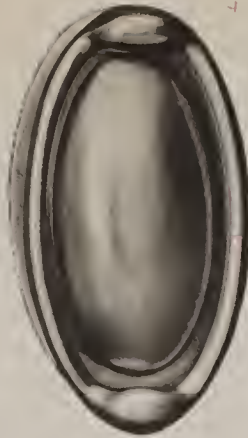
In ordering Food Cutter parts specify by letter part wanted and by number Cutter for which parts are intended.

RUSSWIN

Distinctive Door Knockers



045



055



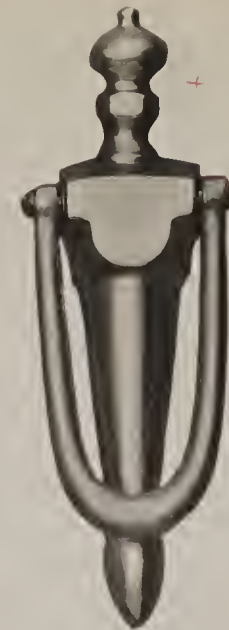
060 1/2



048



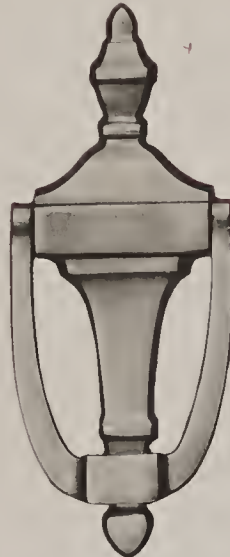
1



056



057



049



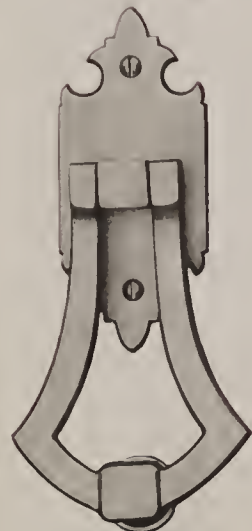
19



20



046



*450 Ellington



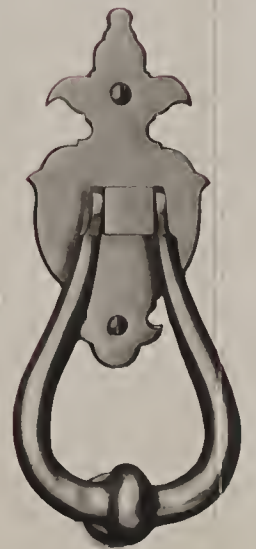
*450 Canton



*450 Argo



*450 Tolland



*450 Brewster

*Can be furnished in Russwin Metal
with Hammered Surface

RUSSELL & ERWIN MFG. CO.
NEW BRITAIN, CONN.

Door Knocker

CAST BRASS OR BRONZE



No. 046

Size 2 x 7 inches

RUSSELL & ERWIN MFG. CO.
NEW BRITAIN, CONN.

